



KONEELLINEN LIIKENNELASKENTA 1985  
KEHITYS 1977—1985





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# **MAANTIELIIKENTTEEN JATKUVAT LIKENNELASKENNAT**

**KONEELLINEN LIKENNELASKENTA 1985  
KEHITYS 1977—1985**

**TIE- JA VESIRAKENNUSHALLITUS  
TALOUSOSASTON TUTKIMUSTOIMISTO**

**TVH 713105**

**HELSINKI 1986**



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## ALKUSANAT

Tie- ja vesirakennuslaitoksen valtakunnallisessa liikennelaskentajärjestelmässä koneellinen liikennelaskenta muodostaa oleellisen osan.

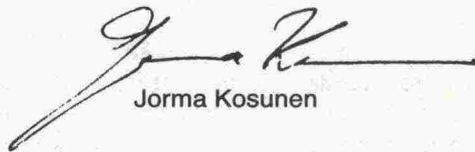
Liikennemäärätietoa on koottu noin 80 laskentapisteeltä, jotka lähes kaikki sijaitsevat päätieverkolla.

Tämä julkaisu on koottu liikennetiedon käyttäjän apuvälineeksi vuoden 1985 tilanteesta.

Materiaalin on julkaisuun piirtänyt viimeistelemällään DPS/CALCOMP piirturiohjelmistolla Aila Ylitalo. (Perustana Matti Silverhut: KN piirturiohjelmisto).

Julkaisun on koonnut ja lisätietoja antaa Jaakko Pitkänen (p. 90-1542151).

Toimistopäällikkö



Jorma Kosunen



## MAANTEIDEN JATKUVAT LIIKENNELASKENNAT, YLEISKUVAUS

Induktioperiaatteella toimivilla laskentakoneilla, UL-CAR + Pulse-O-Matic, on kerätty liikennemäärätietoa jo vuodesta 1974 lähtien. Lähes kaikki noin 80 laskentapistettä sijaitseva päätieverkolla. Jatkuva automaattinen laskentamuoto mahdollistaa autoliikenteen ominaisuuksien selvittämisen ohella luotettavan liikenteen kehityksen seuraamisen. Laskentakoneet laskevat koko autoliikenteen. Liikenteen koostumuksen selvittämiseksi suoritetaan kerran kuukaudessa arkivuorokautena 16 tunnin mittainen käsinlaskenta (06-22).

Jokaiselta pisteeltä tuotetaan ensivaiheena kuukausittain:

- ★ Peruslista, jolla liikennemäärät ovat neljännestunneittain kummaltakin ajosuunnalta erikseen.
- ★ Viikkolista, jolla liikennemäärät on esitetty tunneittain kummallekin ajosuunnalle erikseen sekä näiden summa. Liikennemäärien lisäksi on tulostettu tuntivaihtelukertoimet, jotka ilmoittavat ao. tunnin liikennemäärän suhteellisen prosenttiosuuden vuorokauden kokonaisliikennemäärästä. Tulostuksesta ilmenee myös ao. viikon viikonpäivävaihtelukertoimet, jotka kertovat ajosuunnittain kunkin viikonpäivän liikennemäärän suhteen viikon keskimääräiseen vuorokausiliikennemäärään.

Kun koko vuoden liikennemäärät on kerätty talteen, tulostetaan:

- ★ Vuosilista, jossa esitetään vuoden keskimääräinen vuorokausiliikenne, vuoden keskimääräinen arkivuorokausiliikenne sekä kesän keskimääräinen vuorokausiliikenne suunnittain ja suunnat yhteensä. Lisäksi on laskettu kesäkauden (kesä-elokuu) sunnuntaipäivien keskimääräinen viikonpäivävaihtelukerroin ja kesäliikennekerroin. Vuosilistalla on myös esitetty vuoden jokaisen päivän liikennemäärä ja näistä lasketut viikon arkiliikennekeskiarvot sekä näiden suhde vastaaviin vuosikeskiarvoihin.
- ★ Tuntiliikennelista, johon vuoden kaikki tunnit on järjestetty suuruusjärjestykseen suunnittain ja suunnat yhteensä. Kunkin tunnin kohdalla on ns. tuntijärjestystä kuvaava luku, joka tarkoittaa ao. tuntiliikenteen suhdetta vuoden keskimääräiseen vuorokausiliikenteeseen. Luvut on vielä jaettu kahteen perusjoukkoon, joista toisessa on mukana kaikki tunnit ja toisessa ainoastaan viikonlopun tunnit. Tämän lisäksi on laskettu kuhunkin tuntiin mennessä syntynyt kertymä vuosiliikenteen kokonaismäärästä.
- ★ Koko aineistosta on tuotettu graafisena tulostuksena vaihtelumuoto- ja tuntijärjestyskäyrät.

Käsillä oleva julkaisu on tarkoitettu liikennetiedon käyttäjän apuvälineeksi ja se kertoo tilanteesta vuonna 1985. Julkaisuun on koottu keskimääräisten liikennemäärätietojen ja koostumustietojen ohella liikenteen kehityksen ja tuntiliikennemäärien kehityksen trendi vuodesta 1977 vuoteen 1985. Lisäksi on vuoden -85 kausivaihtelukäyrä, kesän huippuviikon (A) ja syksyn KVL-tason (B) viikonpäivävaihtelut sekä tuntijärjestyskäyrä.

Tietoja yksityiskohtaisista tuloksista saa piirien suunnittelutoimialalta ja TVH:n talousosaston tutkimustoimiston liikennetutkimusjaostolta.

Sivuilla 4-6 on taulukoitu kaikki TVL:n toiminnassa olleet kiinteät konelaskentapistet vuosiina 1977-1985.



Julkaisussa käytetyt lyhenteet:

KVL	= vuoden keskimääräinen vuorokausiliikenne
KAVL	= vuoden keskimääräinen arkivuorokausiliikenne
KKVL	= kesän keskimääräinen vuorokausiliikenne
D'(KKVL/KVL)	= kesäliikennekerroin
A'	= tuntivaihtelukerroin (kunkin kuukauden kyseessä olevien päivien keskiarvo)
A	= kesän huippuviikon viikonpäivävaihtelut
B	= syksyn KVL-tason viikonpäivävaihtelut
HA	= henkilöautot
PA	= pakettiautot
LA	= linja-autot
KAIP	= kuorma-autot ilman perävaunua
KAPP	= puoliperävaunulliset kuorma-autot
KATP	= täysperävaunulliset kuorma-autot
MA	= maanantai
TI	= tiistai
KE	= keskiviikko
TO	= torstai
PE	= perjantai
LA	= lauantai
SU	= sunnuntai
B'(SU/KESÄ)	= kesäkauden (kesä-elo) sunnuntaipäivien keskimääräinen viikonpäivävaihtelukerroin
W	= viikkokeskiarvio
H	= tunti
Q	= tunnin liikennemäärä
VT (vt)	= valtatie
KT (kt)	= kantatie
MT (mt)	= maantie

KONEELLINEN LIIKENNELASKENTA V. 77-86  
PISTELUETTELO

piste nro	tie nro	tieosan nimi	tie- osan nro	etäi- syys	vuosi										
					77	78	79	80	81	82	83	84	85	86	
0002	vt 4	Mäkelä - Rienoja	111	2.6	x	x	x	x	x	x	x	x	x	x	
0127	vt 3	Nummensyrjä - Noppo	109	3.8	x	x	x	x							
0130	vt 2	Aromäki th - Karkkila th	013	2.4	x	x	x	x	x	x	x	x	x	x	
0131	vt 6-7	Sipoon raja - Sköldvik th	108	3.6	x										
0132	kt 51	Kirkkonummi - Bätvik th	009	1.1	x	x	x	x	x	x	x	x	x	x	
0133	vt 4	Vaarala - Jokivarsi (Helsinkiin)	004	2.5	x	x	x	x	x		x	x	x	x	
0134	kt 50	Hämeenkylä - Tammisto	006	3.9	x	x									
0135	vt 4	Vaarala - Jokivarsi (Lahteen)	004	2.5	x	x	x	x	x	x	x	x	x	x	
0136	kt 53	Perttilä - Lieviö	022	3.0	x	x	x	x	x	x	x	x	x	x	
0137	mt 104	Kuusia - Karjalohja	006	4.1											
0138	mt 167	Myrskylä pit.raja - Myrskylä	010	4.9	x	x	x	x							
0139	vt 3	Metsäkylä - Hirvihauta	105	3.0	x	x	x	x	x	x	x	x	x	x	
0140	pt 11459	Päivölä - Seutula	003	1.1	x	x	x	x							
0141	mt 155	Porvoon kaup.raja - Stensböle	001	4.2	x	x									
0142	vt 2	Hämeenkylä - Nipert	005	2.5	x										
0143	vt 1	Huopalahti - Leppävaara (helsinkiin)	003	1.8		x	x	x	x	x	x	x	x	x	
0144	vt 1	Huopalahti - Leppävaara (turkuun)	003	1.8		x	x	x	x	x	x	x	x	x	
0145		poikkileikkaus pisteistä 0133 ja 0135					x	x				x	x	x	
0146		poikkileikkaus pisteistä 0143 ja 0144					x	x				x	x	x	
0147	vt 7	Gammelby - Koskenkylä	015	3.1			x	x	x	x	x	x	x	x	
0148	vt 4	Luhtikylä - piirin raja	119	1.5			x	x	x	x	x	x	x		
0149	kt 53	Myllykylä - Metsäkulman pth	034	5.3					x	x	x	x	x	x	
0150	kt 50	Hämeenkylä - Veromiehenkylä pth (itään)	006	4.1					x	x	x	x	x	x	
0151	kt 50	Hämeenkylä - Veromiehenkylä pth (länteen)	006	4.1					x	x	x	x	x	x	
0152	kt 50	poikkileikkaus pisteistä 0150 ja 0151							x	x	x	x	x	x	
0223	vt 1	Tammisilta - Makarla	030	5.0										x	
0224	mt 180	Kuusiston silta - Kirjalan silta	001	3.2				x	x	x	x	x	x	x	
0226	vt 10	Kausela - Liedon kko	002	5.1				x	x	x	x	x	x	x	
0227	vt 9	Kumila - Mellilänkylä	112	4.6											
0228	vt 1	Kumpula - Joensuu	025	4.0	x	x	x	x	x	x					
0229	vt 8	Nummenkylä - Mynämäki	107	0.8	x	x									
0230	mt 189	Lietsalan pth - Lietsala	002	4.2	x	x	x	x	x	x	x	x	x		
0231	mt 247	Peipohja P - Kokemäki	001	1.7	x	x									
0232	vt 8	Pori - Söörmarkku	202	7.6	x	x	x	x	x	x	x	x	x	x	
0233	vt 8	Raisio - Marjamäki	103	0.8	x	x	x	x	x	x	x	x	x	x	
0323	vt 2	Honkaluoto - Pori	047	4.3	x	x	x	x	x	x	x	x	x	x	
0324	mt 265	Pori - Mäntyluoto	001	4.8	x	x	x	x	x	x	x	x	x	x	
0422	vt 12	Tampere - Kangasala	002	0.1	x	x	x	x	x	x	x	x	x	x	
0428	vt 3	Parola - Nihattula	123	5.2	x	x	x	x	x	x	x	x	x	x	
0429	vt 12	Nastola - Uusikylä	024	2.0	x	x	x	x	x						
0431	vt 12	Sotiala - Tuulos	010	1.4	x	x	x	x	x	x	x	x	x	x	
0432	vt 9	Eväjärvi - Keski-Suomen piirin raja	217	4.0	x	x	x	x	x	x	x	x	x	x	
0433	kt 54	Lappila - Järvelä	016	4.2	x	x	x	x	x	x	x				
0434	kt 66	Pultonen - Heinäaho	014	3.1	x	x	x	x	x						
0435	vt 3	Tampere - Ylöjärvi	202	6.0			x	x	x	x	x	x	x	x	
0436	vt 3	Hämeen piirin raja - Herajoki	114	5.0						x	x	x	x	x	
0437	vt 9	Viiala	126	1.0						x	x	x	x	x	
0517	vt 15	Tuohikotti II - Tuohikotti	015	2.0							x	x	x	x	
0518	vt 6	Lappeenranta - Partala	303	2.5					x	x	x	x	x	x	
0521	kt 60	Kellomäki - Kuusankoski	001	2.4	x	x									
0522	vt 7	Pyhtää, Kangasmäki - Huutjärvi	026	1.0	x	x							x	x	
0523	vt 6	Rentsilanmäki - Jurvala	210	3.0	x	x	x	x						x	
0524	kt 60	Saviston pth - Rajasuo	005	0.4	x	x	x	x							
0525	vt 6	Sotkulampi - Vuoksen satamatie	310	3.8	x	x	x	x							
0526	mt 373	Karjalankatu	001	3.0	x	x	x	x							
0527	mt 4015	Parikkalan as. - Tehtaanmäki	001	5.5	x	x	x								
0528	vt 6	Puhjo - Käyrälampi	201	0.3			x	x	x	x					
0529	vt 7	Suurniitty - Tavastila	031	1.7			x	x	x						
0530	mt 392	Lappeenranta - Nuijamaa	002	0.4				x	x						
0531	vt 6	Elimäki	127	0.5					x	x	x	x	x	x	
0532	vt 12	Kausala	030	3.8					x	x	x	x	x	x	
0533	vt 7	Hamina - Vehkalahti	036	0.2					x	x	x	x	x	x	
0534	vt 6	Rautjärvi	318	3.0						x	x	x	x		
0535	vt 13	Savitaipale	106	2.0						x	x	x			



piste nro	tie nro	tieosan nimi	tie- osan nro	etäi- syys	vuosi										
					77	78	79	80	81	82	83	84	85	86	
0620	kt 59	Ruskeala - piirin raja	089	2.6	x	x									x
0621	vt 13	Ostolahti - Rahikkala	117	4.6											
0623	vt 5	Kuortti - Vihantasalmi	118	1.2	x	x									
0627	mt 434	Puumala - Virmutjoki	012	1.9	x										
0628	vt 5	Rantakylä - Kiiskinmäki	127	0.6	x	x	x								
0629	mt 420	Mäntyharju - Ristiina	003	4.7	x	x	x								
0630	mt 4323	Ristiina	001	0.3	x	x	x	x							
0631	kt 70	Suurmäki - Pohjois-Karjalan piirin raja	414	1.1		x	x	x	x						
0632	vt 5	Myllyoja - Heinola	108	1.8			x	x	x						
0633	mt 410	Nuoramoinen - Otamo	004	2.6			x	x	x	x					
0634	kt 60	Kymen piirin raja - Hujansalo	011	2.4				x	x	x					
0635	mt 450	Vaalijala - Surnuimäki	004	1.1				x	x	x	x				
0636	vt 13	Lapaskangas - Keski-Suomen piirin raja	139	2.7					x	x	x	x	x	x	x
0637	mt 459	Narila - Virtasalmi	005	0.4						x	x	x	x		
0638	mt 467	Hiismäki - Osikonmäki	001	1.3						x	x	x	x		
0639	vt 14	Jukola - Kokonharju	021	3.6							x	x	x	x	x
0640	mt 471	Makkola - Simanala	003	2.2							x	x	x	x	
0641	vt 14	Savonlinna, Kyrönsalmen silta	015	1.2								x	x	x	
0642	vt 5	Mutala - Palviainen, Joroinen	144	3.8									x	x	x
0643	mt 464	Tiemassaari - Torasalo, Rantasalmi	004	1.7										x	x
0644	mt 476	Heinävesi - Sappu, Heinävesi	008	0.8											x
0707	vt 6	Niittylahti - Reijola	348	0.7									x	x	x
0709	vt 17	Lentoas. th - Lautasuo	026	1.6	x	x	x	x	x	x	x	x	x	x	x
0710	vt 18	Kontiolahti - Romppala	008	0.5	x	x	x	x	x	x	x	x	x	x	x
0711	kt 74	pt 15736 - Tuupovaara pit.	008	1.4	x	x	x	x	x	x	x				
0712	vt 18	Uuro pth - Uuro	003	5.4	x	x	x	x	x	x	x	x	x	x	x
0713	vt 23	Ristinpohja lv th - Kontkala	417	5.3	x	x	x	x	x	x	x	x	x	x	x
0801	vt 5	Puijonrinne - Vuorela (Kuopio)	202	2.6	x	x	x	x	x	x	x	x	x	x	x
0802	vt 5	Puijonrinne - Vuorela (Iisalmi)	202	2.6											x
0803		Poikkileikkaus pisteistä 0801 ja 0802													x
0808	vt 5	Toivala - Kasurila	204	5.0				x	x	x	x	x	x	x	x
0811	vt 17	Riistavesi - Telkkämäki	007	5.1	x	x	x	x	x	x	x	x	x	x	x
0812	vt 5	Palokangas - Leppävirta	151	5.0	x	x	x	x	x	x	x			x	
0815	vt 5	Taipale - Peltosalmi	216	0.7											
0816	vt 19	Salahmi - Isomäki	008	1.0	x	x	x						x		
0817	mt 557	Maaninka kk - Ahkionlahti	005	6.0	x	x									
0818	vt 5	Peltosalmi - Iisalmi	217	4.5	x	x	x	x	x	x	x	x	x	x	x
0819	vt 5	Pitkälähti - Siikalähti	161	0.7			x	x	x	x	x	x	x	x	x
0907	vt 4	Salmijärvi - Keljonkangas	234	2.1	x	x	x	x	x	x	x	x	x	x	x
0910	vt 4	Kotakennäs - Pyyrinlahti	310	1.4	x	x	x	x	x	x	x	x	x	x	x
0913	vt 9	Lievestuore - Niemisjärvi	307	5.4		x	x	x	x	x	x	x	x	x	x
0914	vt 23	Kuohu - Vesanka	229	4.4	x	x	x	x	x	x	x	x	x	x	x
0915	vt 23	Löytty - Haapamäki	217	7.0	x										
0916	mt 604	Jämsä - Jämsänkoski	002	1.2	x	x	x	x	x	x	x	x	x	x	x
1021	kt 8	Kovjoki - Lövä	322	4.7											
1022	vt 3	Kylänpää - Jokiperä	241	3.4	x	x	x								
1023	vt 8	Äsända - Träskvik	216	4.0	x	x	x	x	x	x	x	x	x	x	x
1024	vt 16	Ruohomäki - Träskvik	014	4.6	x	x	x								
1025	vt 3	Jokipii - Ikari	232	0.5	x	x	x	x	x	x	x	x	x	x	x
1026	kt 67	Hemminki - Varpula	039	6.0	x	x	x	x	x	x	x	x	x	x	x
1027	mt 663	Kauhajoki - Aro	012	0.7	x	x	x	x	x	x	x	x	x	x	x
1028	vt 3	Hälsingby	248	5.0				x	x	x	x	x	x	x	x
1029	mt 697	Mäyry	007	3.2				x	x	x	x	x	x	x	x
1110	vt 8	Yppäri - Pyhäjoki kko	422	1.2	x	x	x	x	x	x	x	x	x	x	x
1111	vt 4	Venetpalo - Ruutikkala	341	3.4	x	x	x	x	x	x	x	x	x	x	x
1112	kt 85	Kälviä - Kannus	004	2.6			x	x	x	x	x	x	x	x	x
1113	kt 86	Honkalahti - Alpuminkangas	007	1.6	x	x									
1114	vt 13	Sulkaharju - Sillanpää	227	5.3	x	x	x	x	x	x	x	x	x	x	x
1214	vt 4	Tupos	363	1.4											x
1217	vt 8	Pattijoki - Rautamulta	430	2.7	x	x	x	x							
1218	vt 20	Hintta - Korpi	003	4.2	x	x	x	x	x	x					
1219	vt 4	Roininen - Kiviniemi	366	1.0	x	x	x	x	x	x	x	x	x	x	
1220	vt 22	Rova - Laitasaari	006	5.1	x	x	x	x	x	x	x	x	x	x	x
1221	mt 8103	Raahel - Mettala	001	1.2	x	x	x	x	x	x	x	x	x	x	x
1222	vt 4	Pateniemi - Kello	405	1.2					x	x	x	x	x	x	x
1223	mt 830	Hintta - Sanginsuu	001	0.7							x	x	x	x	x

piste nro	tie nro	tieosan nimi	tie- osan nro	etäi- syys	vuosi									
					77	78	79	80	81	82	83	84	85	86
1311	vt 5	Mainua - Kuopion piirin raja	230	2.9	x	x								
1312	vt 5	Siltasuo - Jokikylä	313	4.2	x	x	x	x						
1313	vt 18	Komula - Leväjoki	037	0.4			x							
1314	kt 85	Vuottolahti - Siltaperä	047	2.0	x	x	x							
1315	kt 76	Tipasojä - Pöytäahon pth	007	6.9	x	x	x							
1316	vt 5	Pohjolankatu - Kuurnan pth	301	0.7	x	x	x	x	x	x	x	x		
1317	vt 5	Ruottusenpuro - Ämmäsaari	324	2.7			x	x	x	x	x	x	x	x
1318	kt 78	Pihlajavaara	110	2.1				x	x	x	x	x	x	x
1319	mt 899	Konappa	005	1.9				x	x	x	x	x	x	x
1320	mt 900	Akonlahti - Kuhmo	013	2.3					x	x	x	x	x	x
1321	vt 22	Törmäkylä	017	1.7									x	x
1408	vt 4	Vikajärvi - Korvala	508	4.0	x	x	x	x	x					
1415	vt 4	Paakkola - Hastinkangas	435	0.7			x	x	x	x	x	x	x	x
1416	vt 21	Juoksenki - Turtola	124	2.6	x	x								
1417	vt 5	Puikkolan pt - Joutsijärvi	379	3.2	x	x	x	x	x	x				
1418	vt 4	Kemintie - Veitikanoja	449	3.1	x	x	x							
1419	vt 5	Tohmo - Javaruksen th	402	4.2	x	x	x							
1420	vt 4	Ivalo - Inari	558	4.0				x	x	x	x	x	x	x
1421	vt 21	Kolari - Sieppijärvi	140	5.0				x	x	x	x	x	x	x
1422	kt 79	Meltaus - Lohiniva	014	2.0						x	x	x	x	x
1423	kt 78	Portimo	217	6.2							x	x	x	x

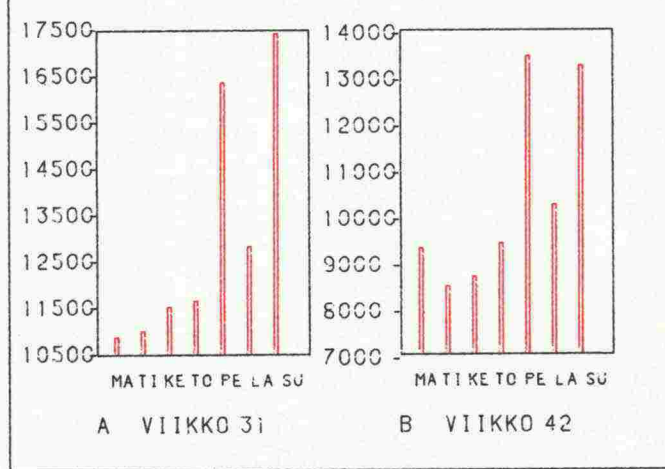
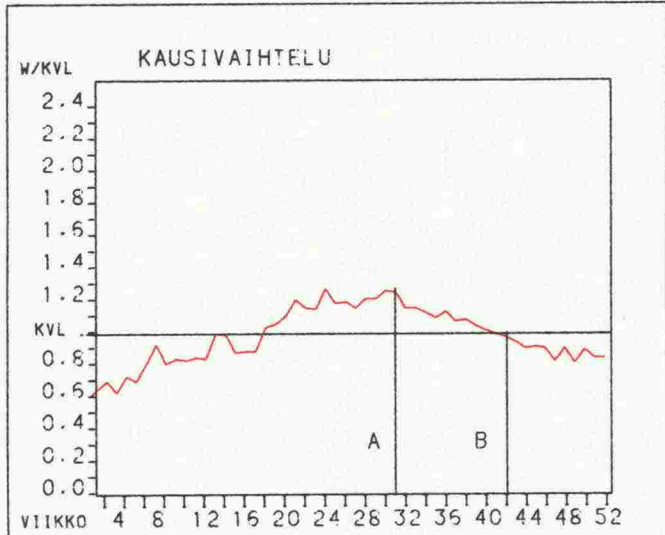
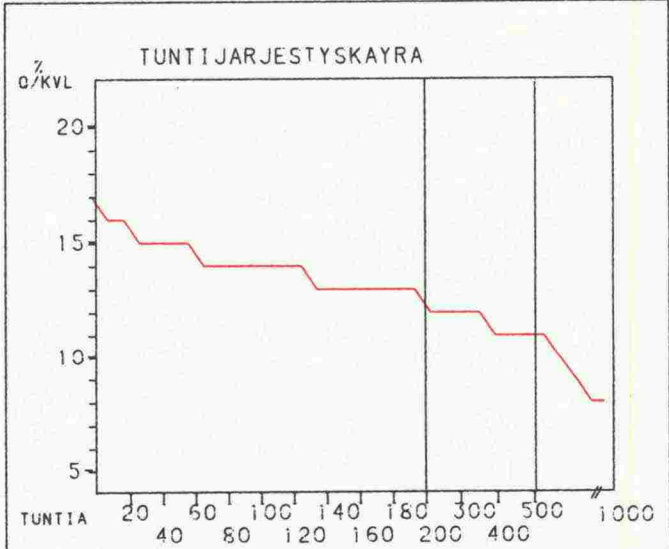
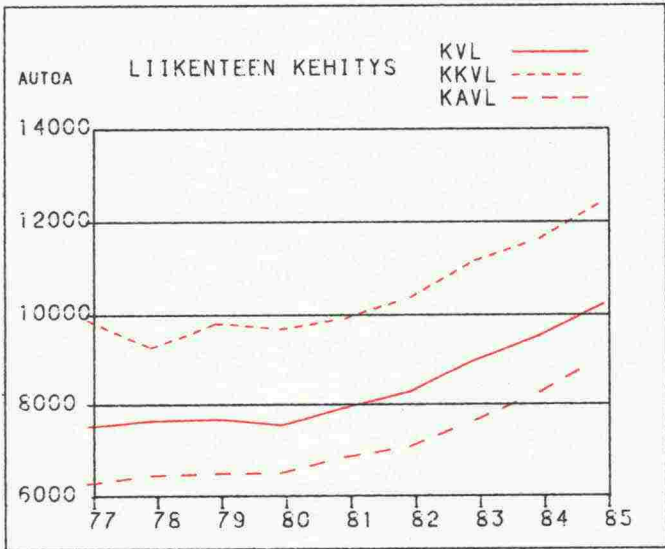
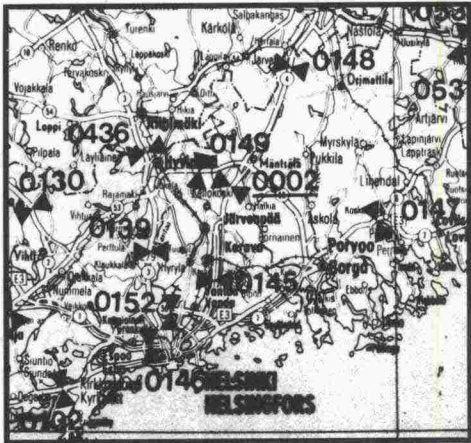


2 MÄNTSÄLÄ 1985  
VT4 TIEOSA 111 ETAISYYS 2.6 KM

KVL 10240 B' (SU/KESA) 1.32  
KAVL 9053  
KKVL 12458 D' 1.21

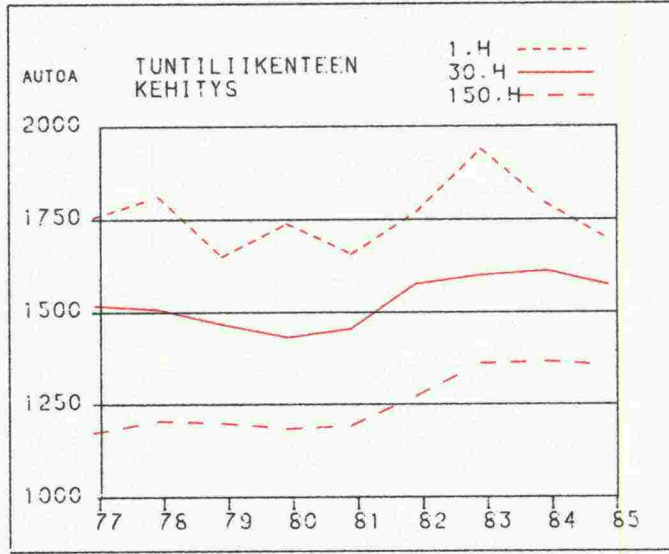
ARKILIIKENTEEN KOOSTUMUS

HA + PA 85 %  
LA + KAIP 7 %  
KAPP + KATP 8 %



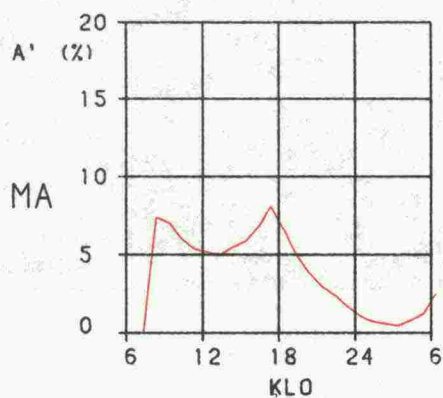
H	Q	PE-SU(*)	KERTYMA
1	1695	100	0.1
50	1515	96	2.0
100	1427	95	4.1
150	1355	95	6.0
300	1168	95	11.0
1000	798	75	28.6
5000	346	44	86.4

(\*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUUS PE-SU:ELLE.

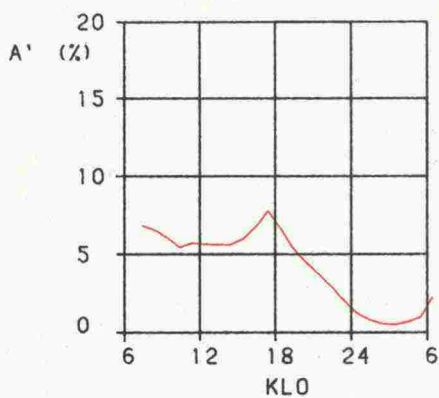


## TUNTIVAIHTELUT

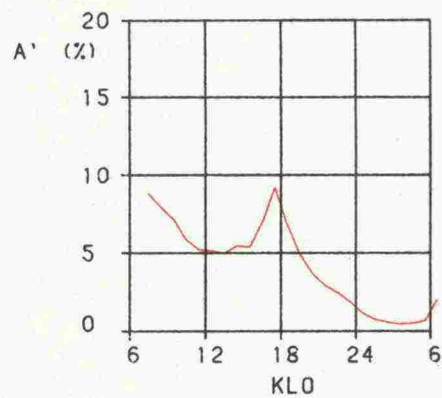
HELMIKUU



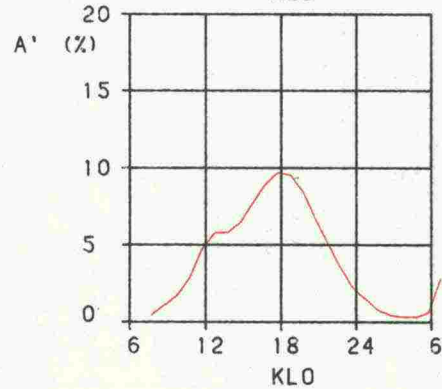
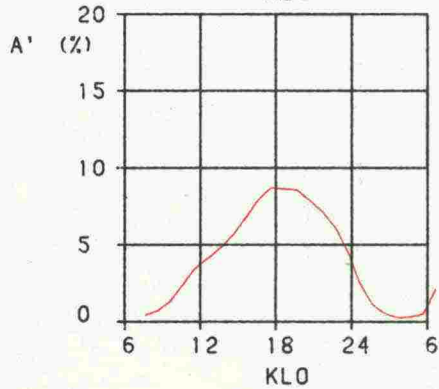
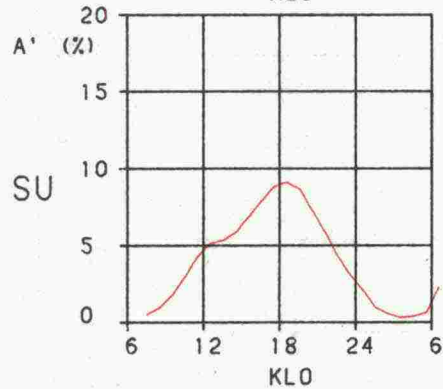
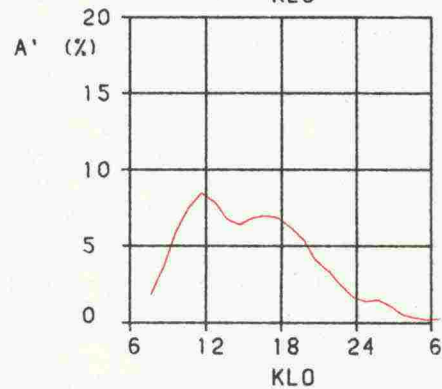
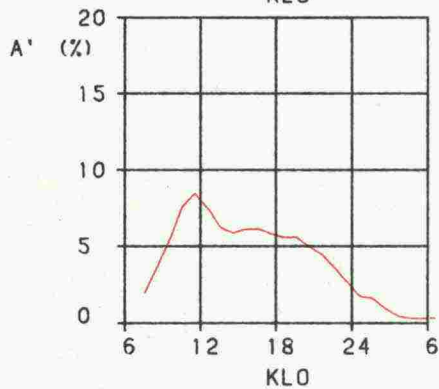
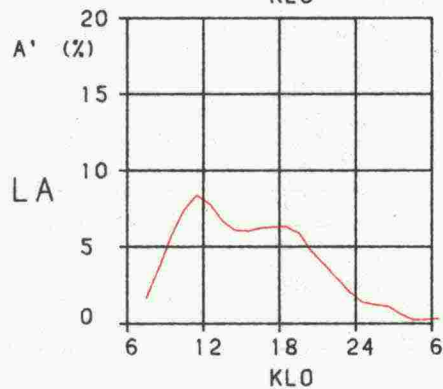
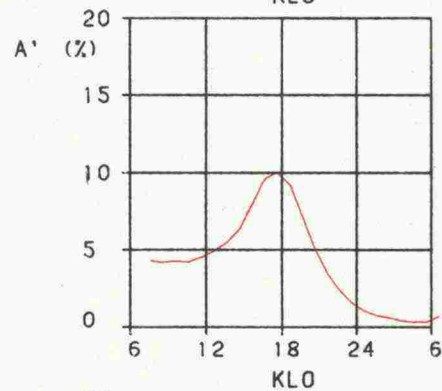
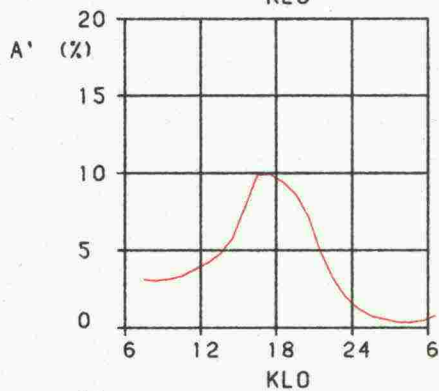
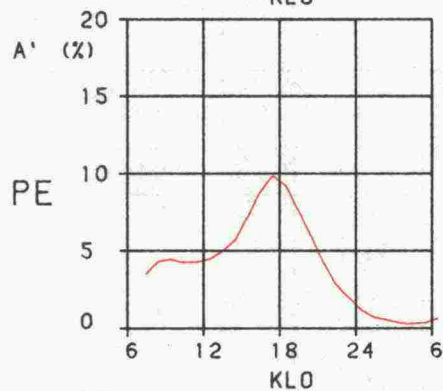
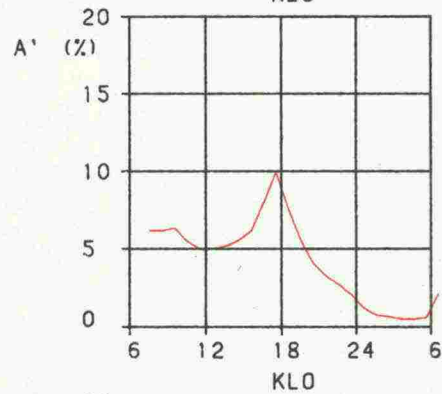
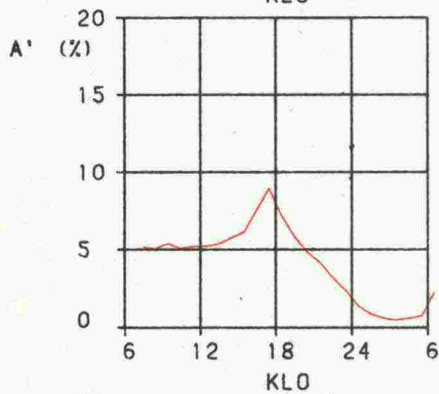
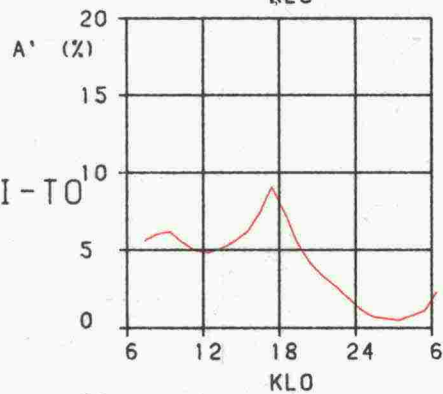
HEINAKUU



LOKAKUU



TI-TO





KVL 5461

B' (SU/KESA) 1.26

KAVL 5018

D' 1.16

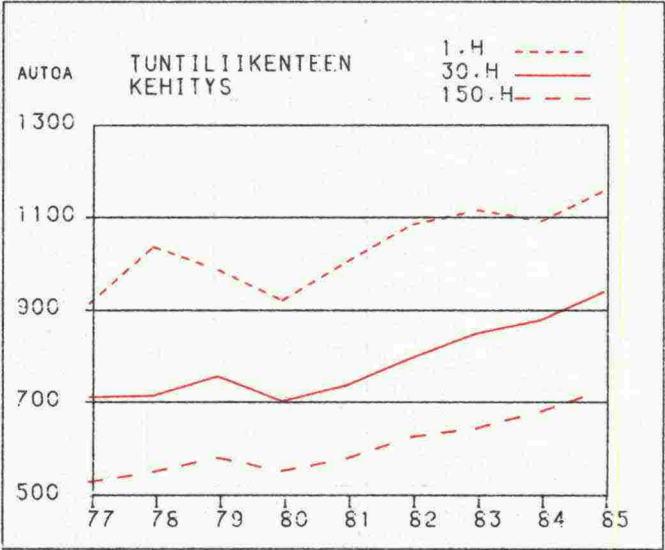
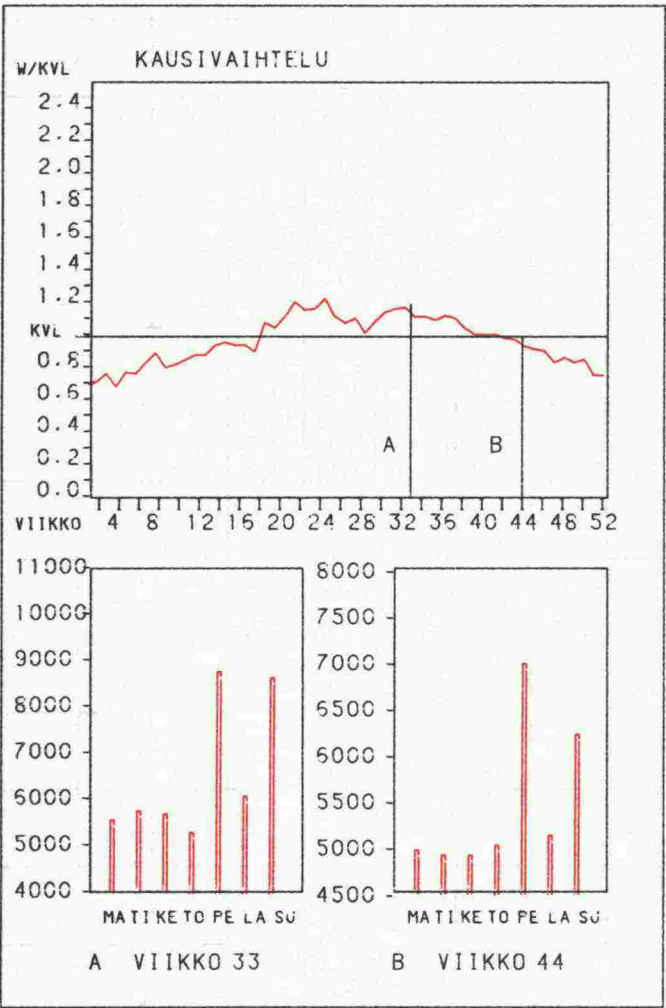
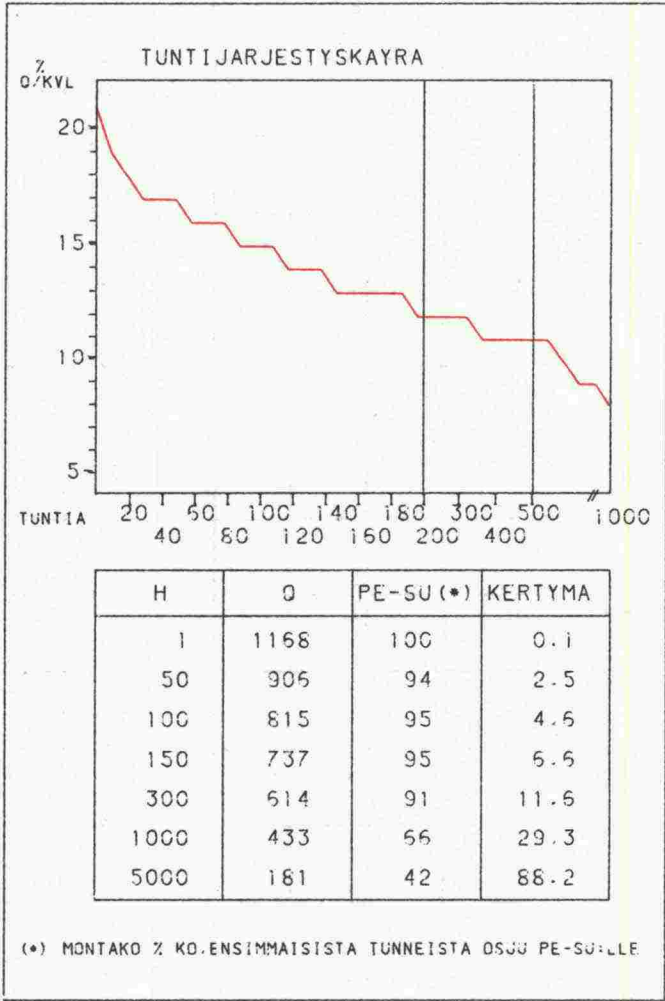
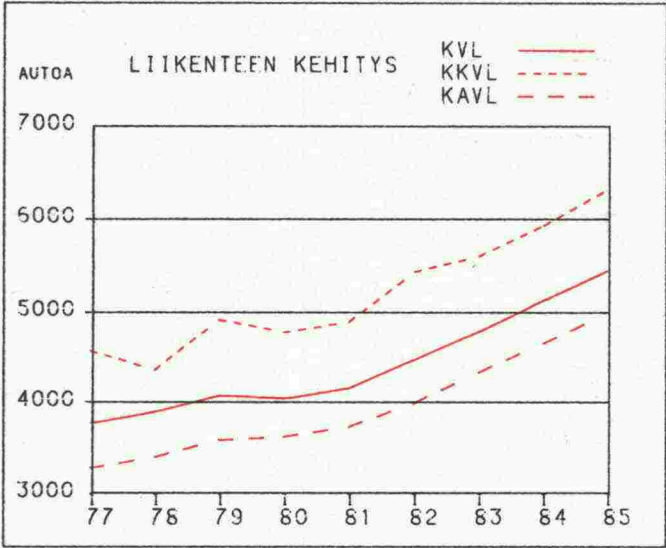
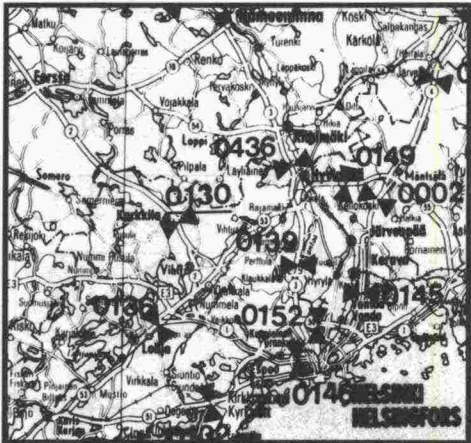
KKVL 6339

ARKILIIKENTEEN KOOSTUMUS

HA + PA 83%

LA + KAIP 7%

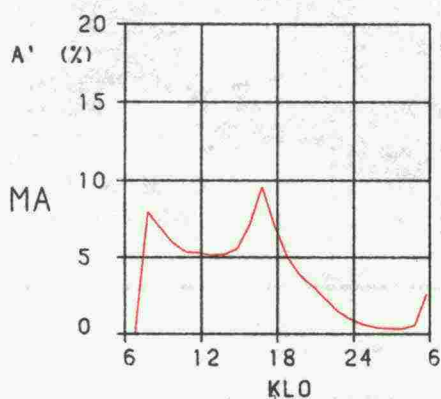
KAPP + KATP 10%



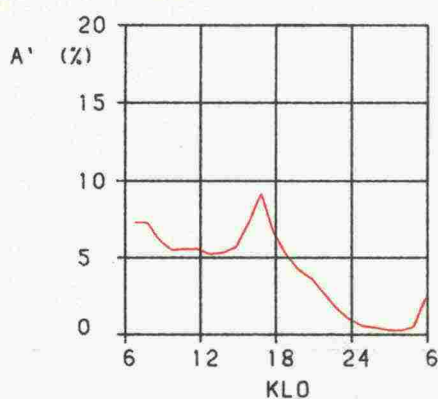


## TUNTIVAIHTELUT

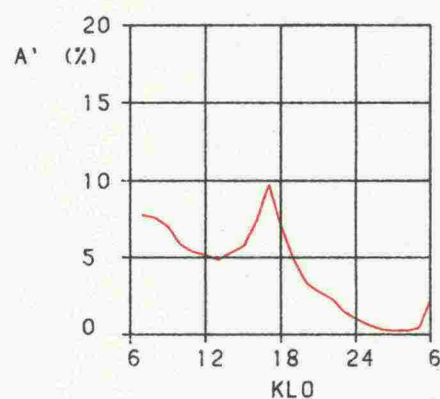
HELMIKUU



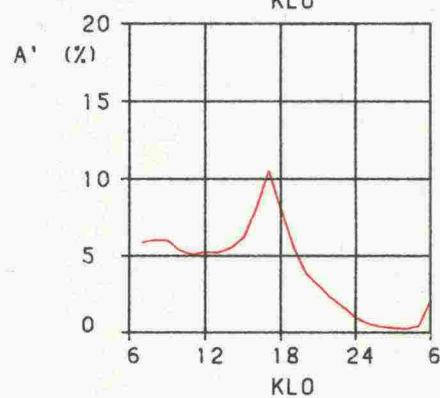
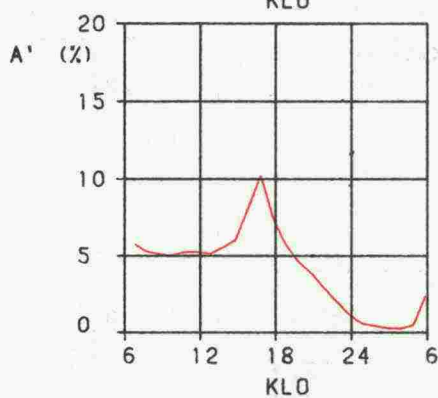
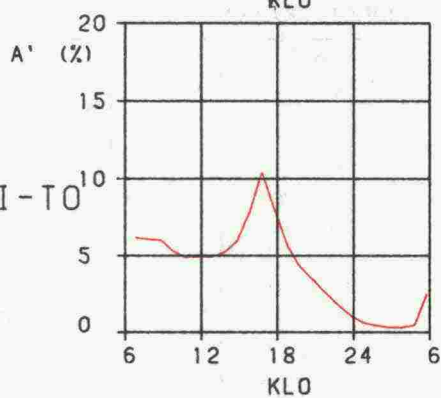
HEINAKUU



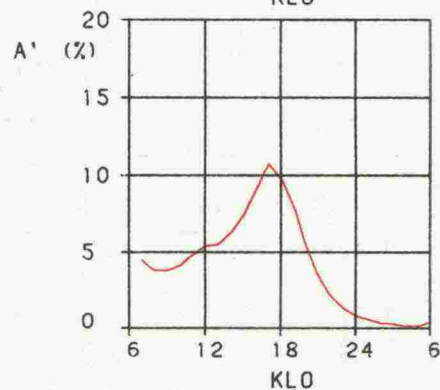
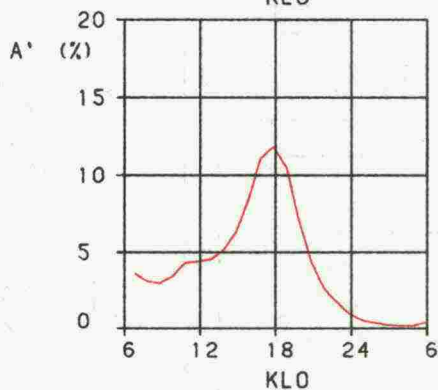
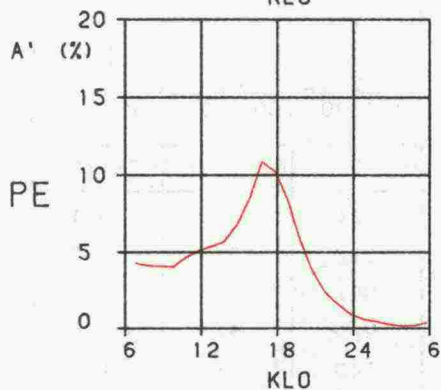
LOKAKUU



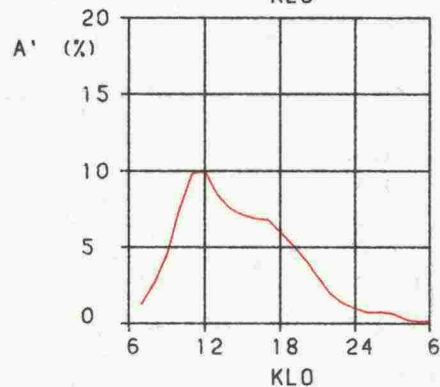
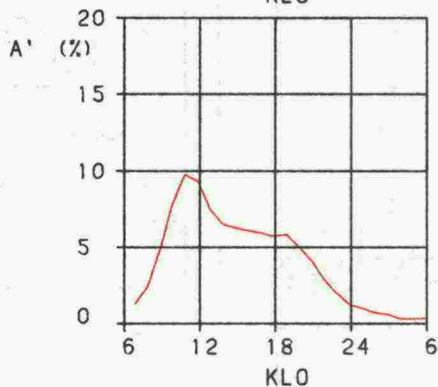
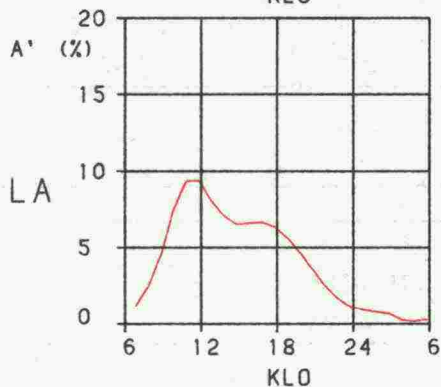
TI-TO



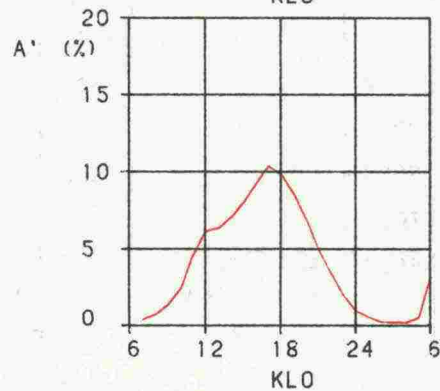
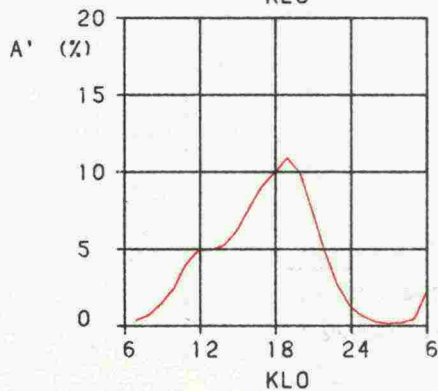
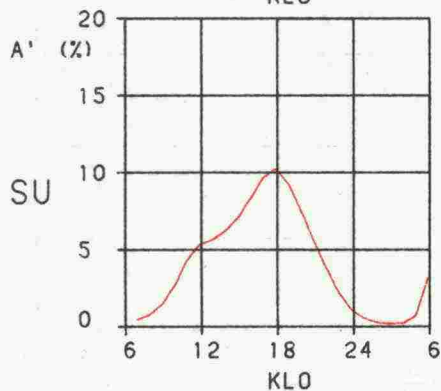
PE



LA



SU



KVL 6749

B' (SU/KESA) 1.17

KAVL 6378

KKVL 8527

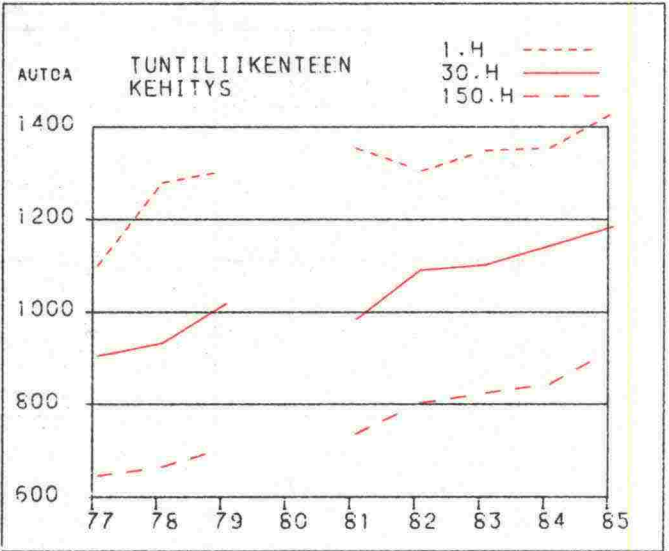
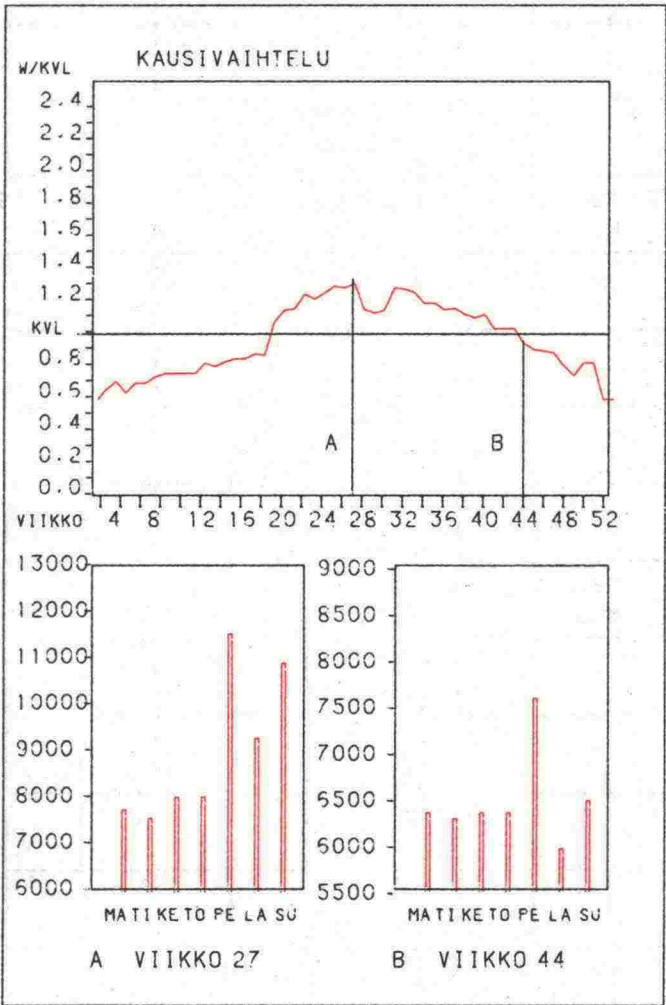
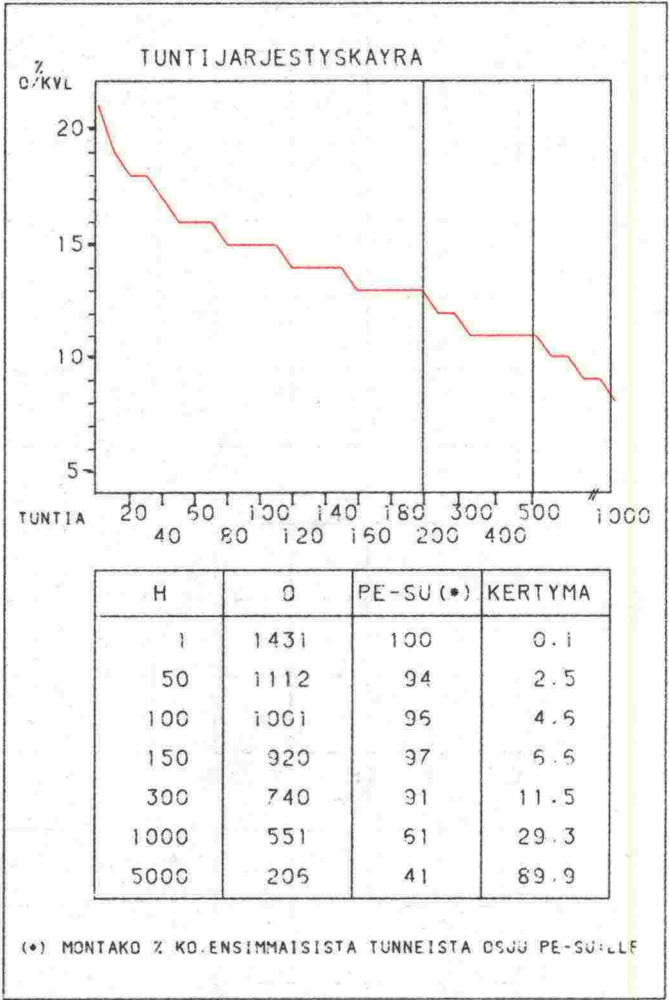
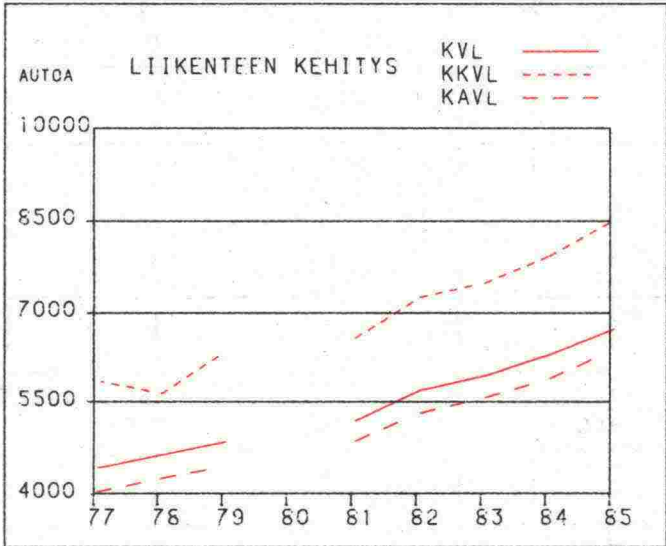
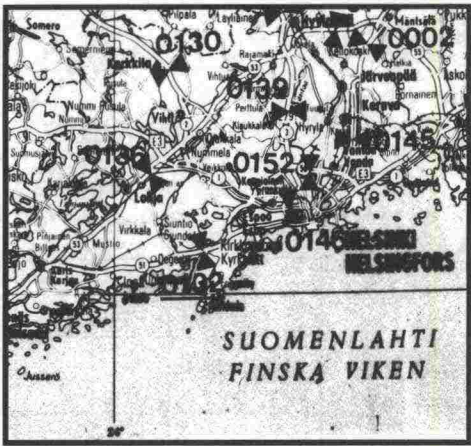
D' 1.26

ARKILIIKENTEEN KOOSTUMUS

HA + PA 87 %

LA + KAIP 6 %

KAPP + KATP 7 %



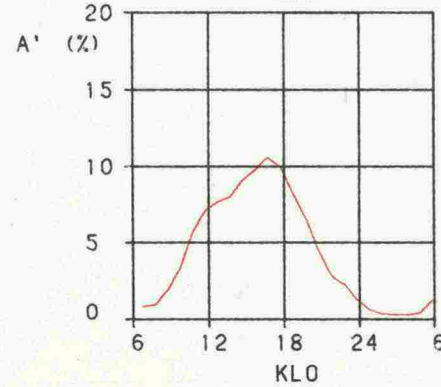
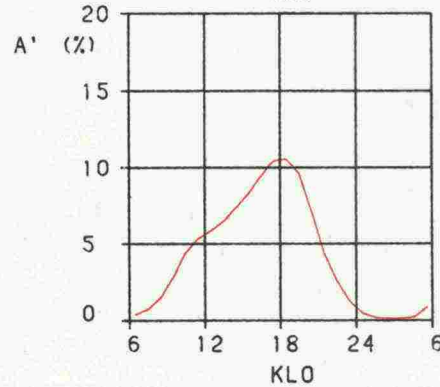
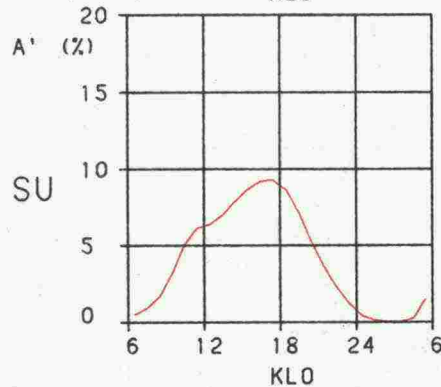
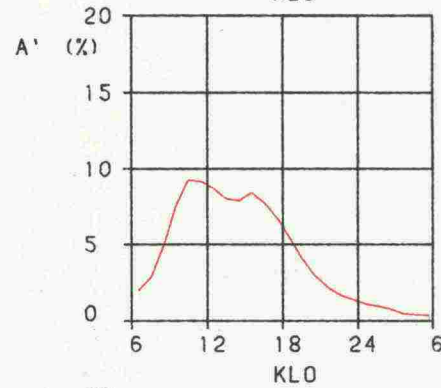
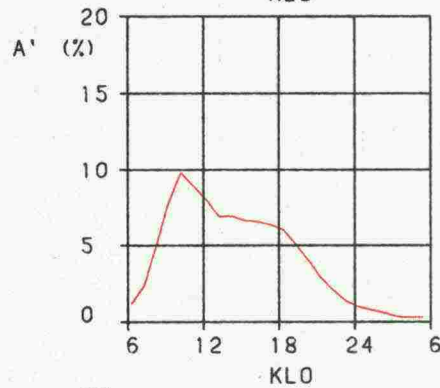
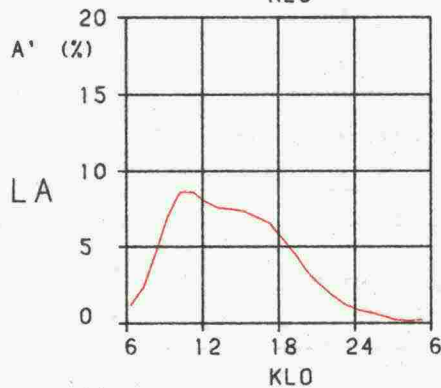
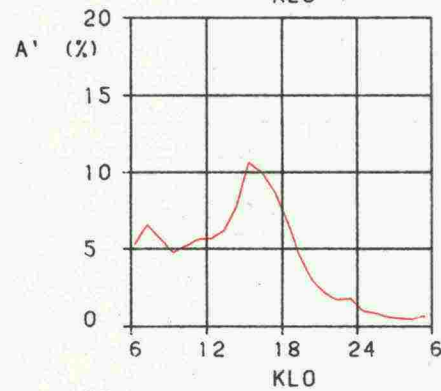
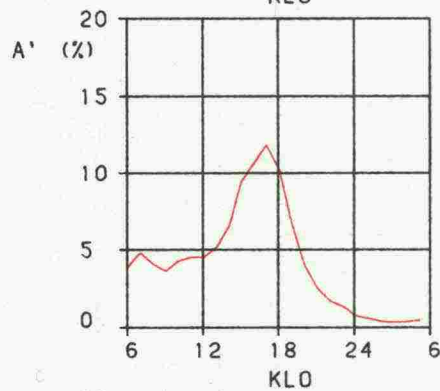
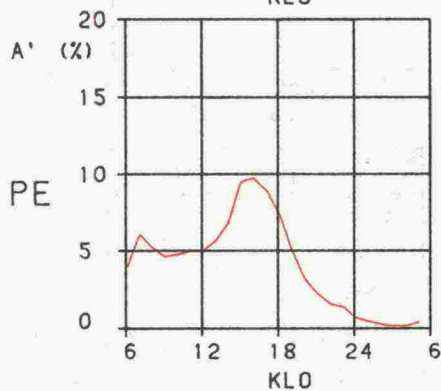
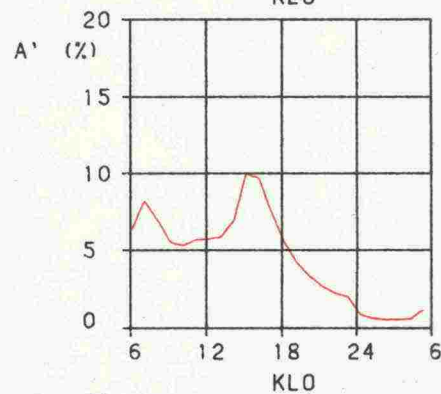
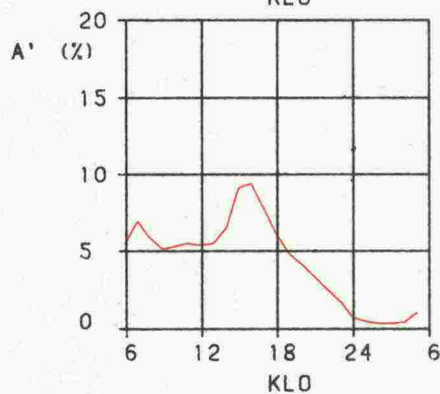
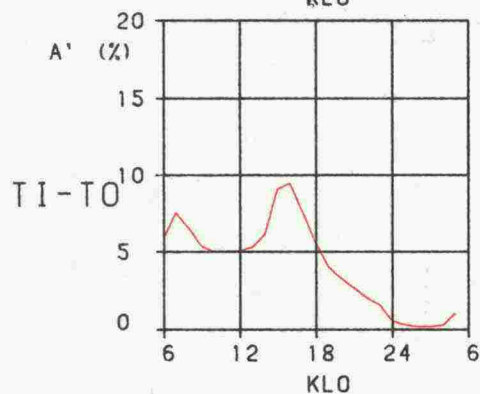
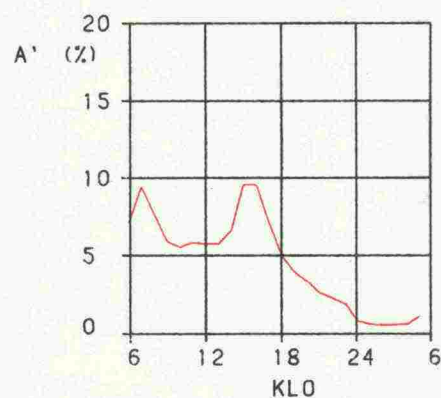
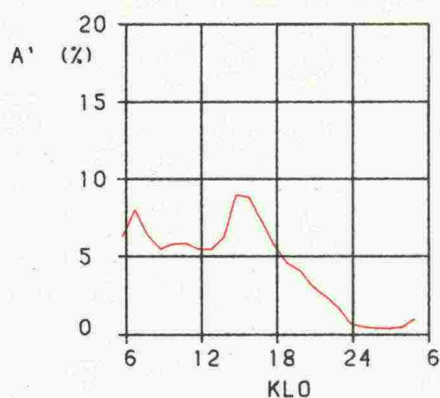
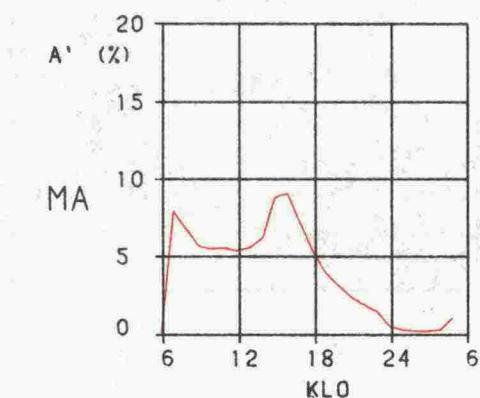


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU



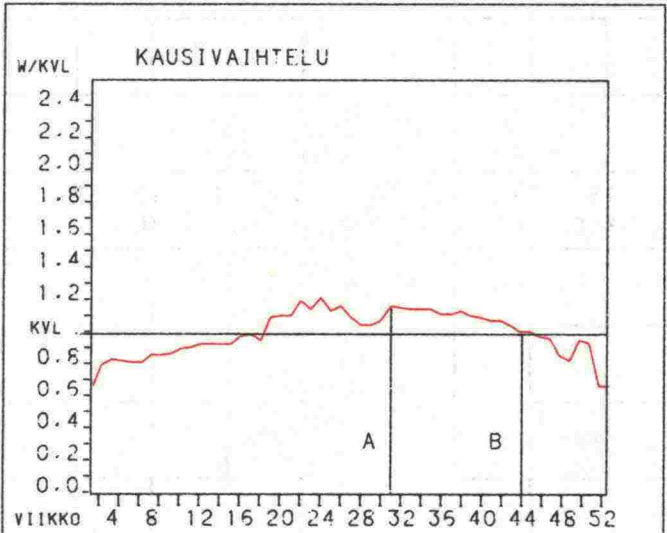
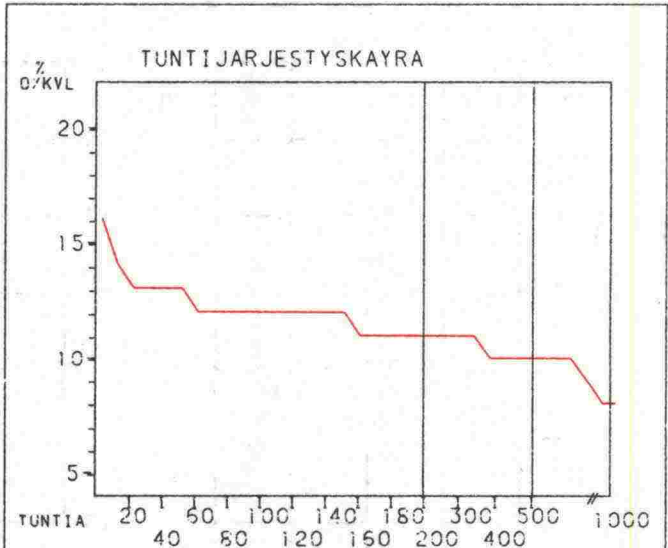
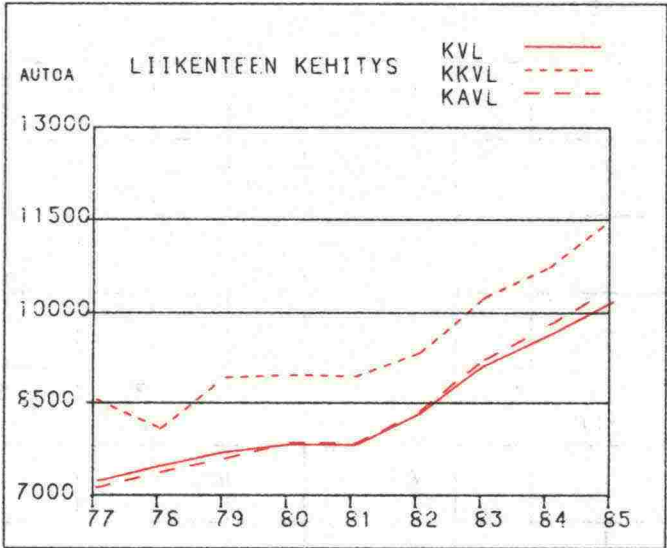
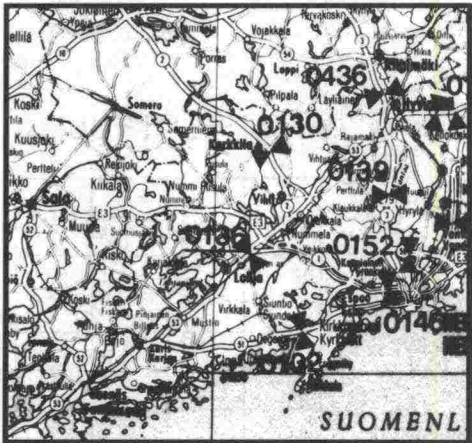


136 PERTTILÄ-LIEVIÖ 1985  
VT53 TIEOSA 22 ETAISYYS 3.0KM

KVL 10126            B' (SU/KESA) 0.89  
KAVL 10356  
KKVL 11479           D' 1.13

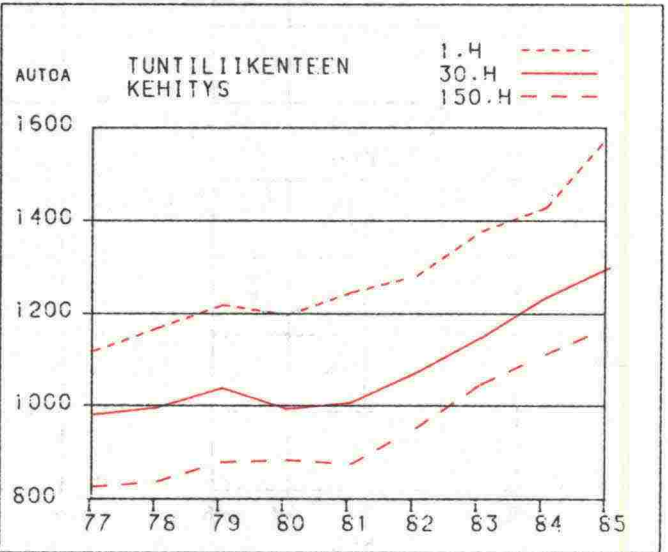
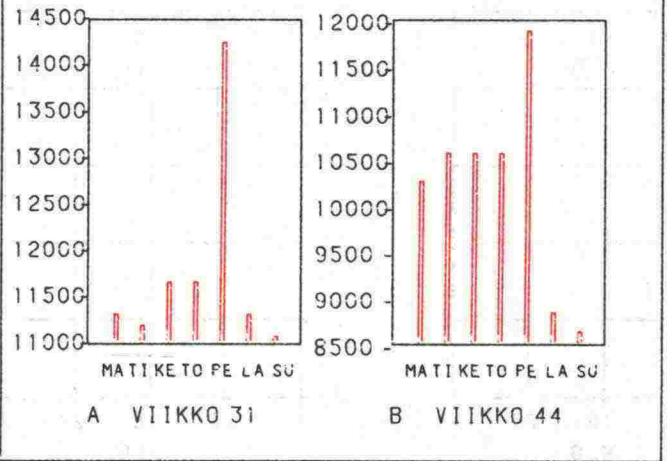
ARKILIIKENTEEEN KOOSTUMUS

HA + PA            86 %  
LA + KAIP          7 %  
KAPP + KATP       7 %



H	O	PE-SU (*)	KERTYMA
1	1586	100	0.0
50	1256	66	1.8
100	1216	48	3.5
150	1170	44	5.1
300	1052	41	9.6
1000	613	41	26.8
5000	327	40	68.8

(\*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUUS PE-SU:LLA

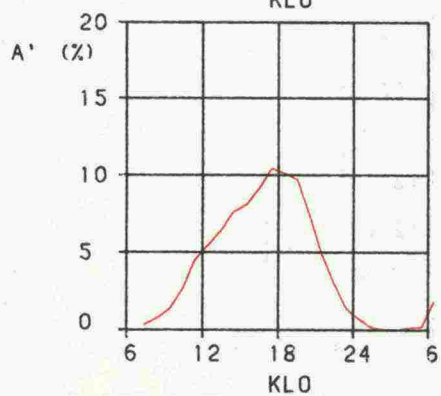
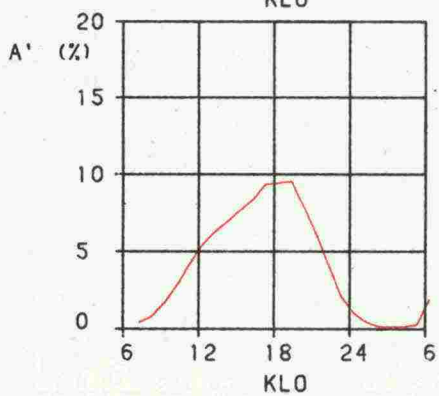
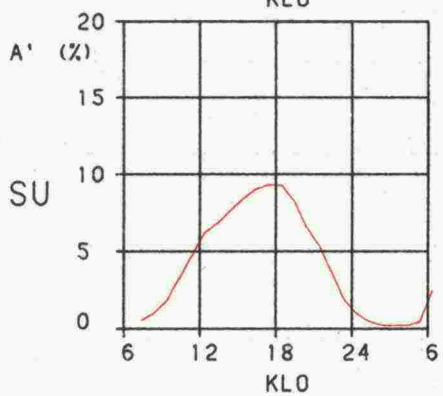
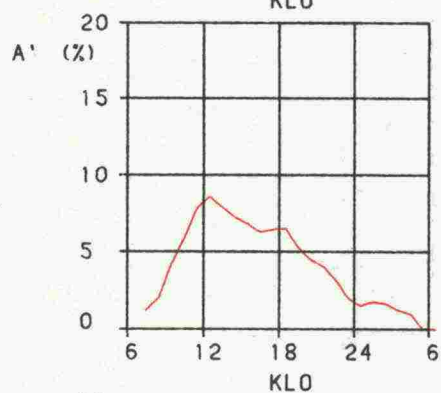
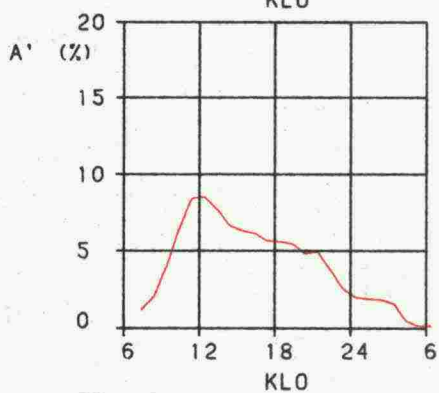
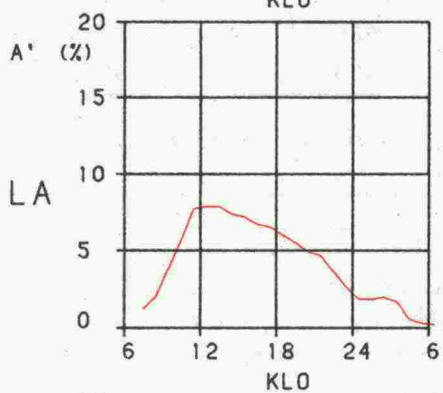
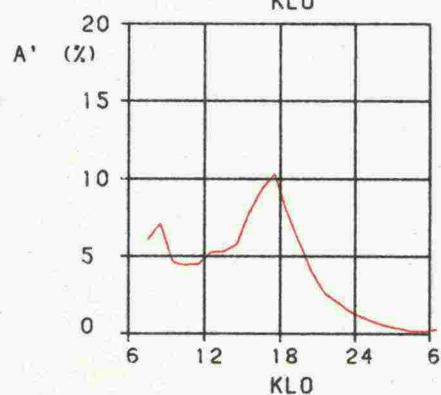
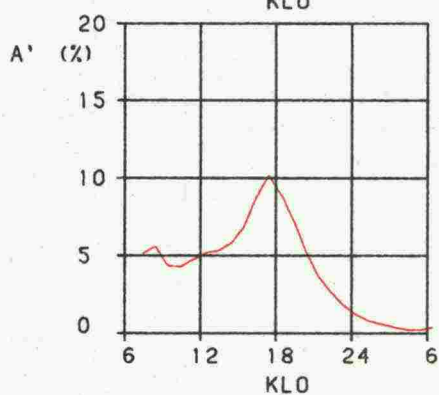
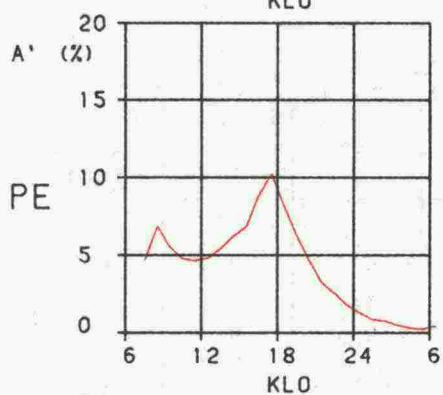
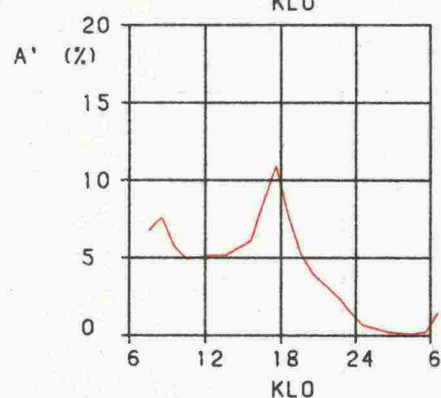
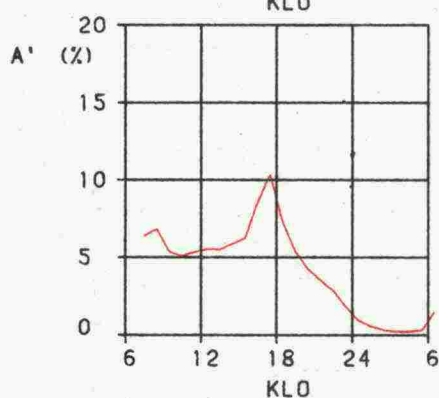
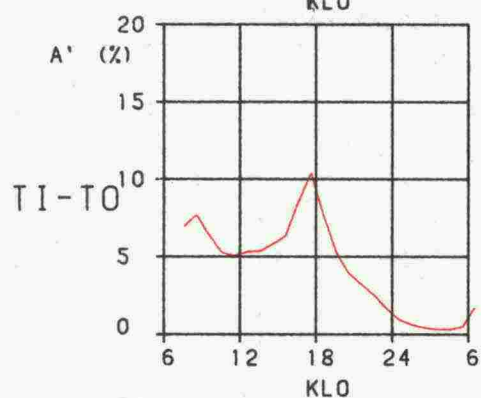
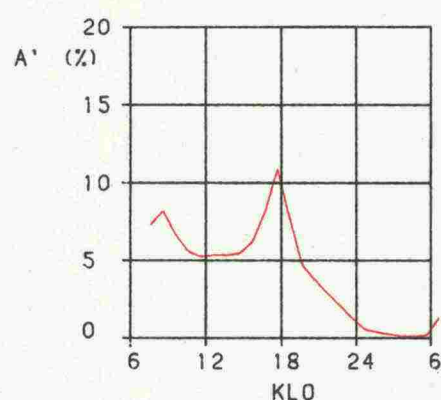
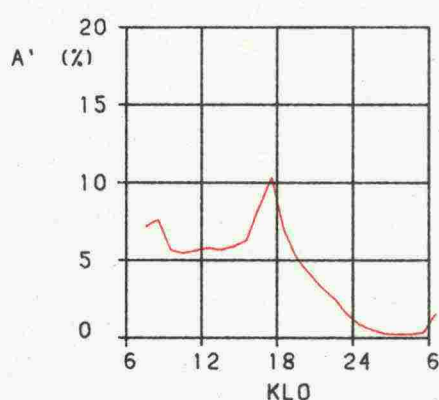
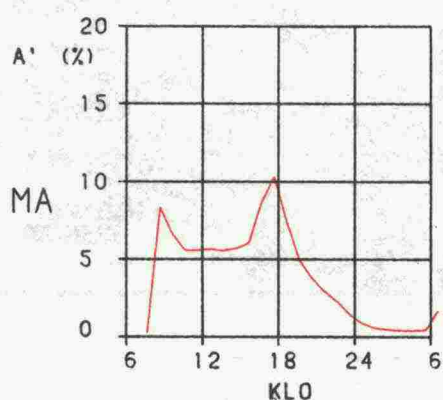


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU





KVL 11398

B' (SU/KESA) 1.03

KAVL 11478

KKVL 12378

D' 1.08

ARKILIIKENTEEN KOOSTUMUS

HA + PA

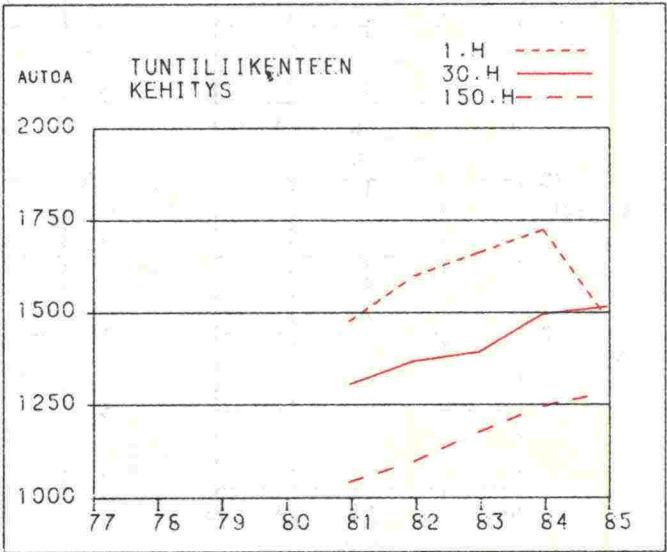
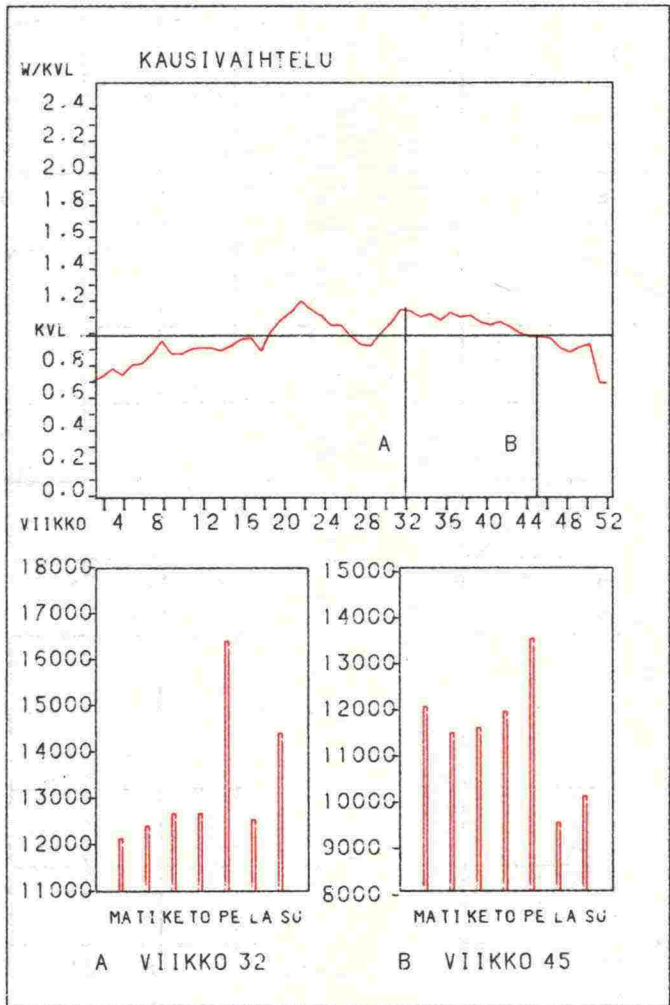
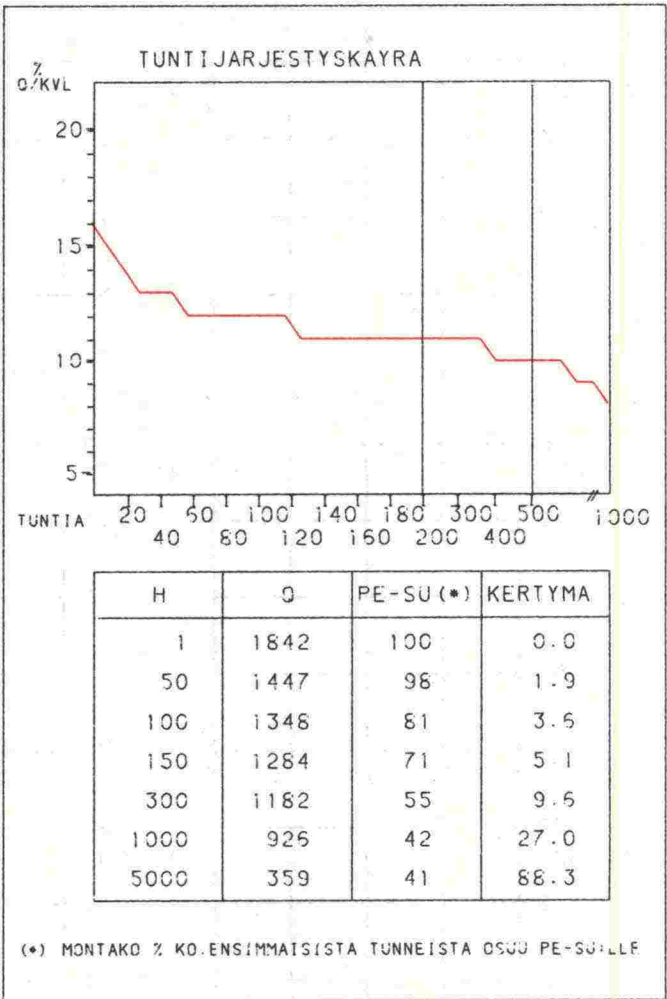
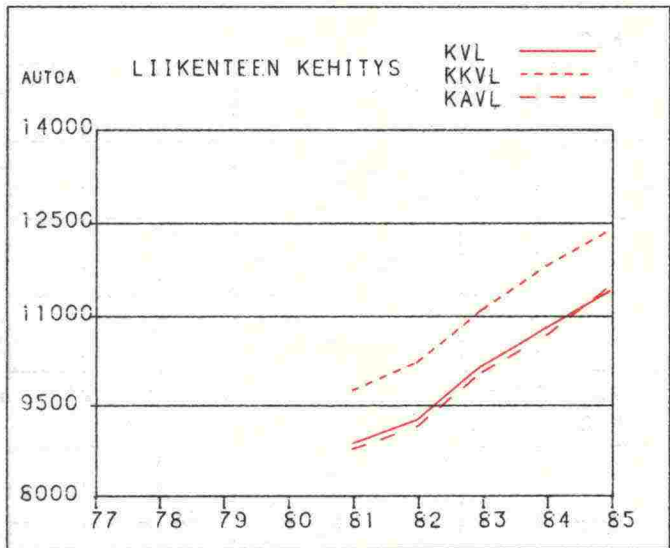
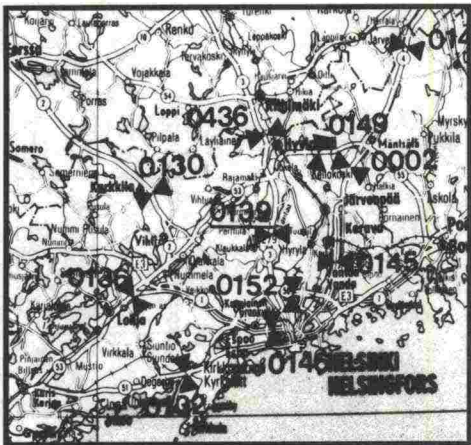
84%

LA + KAIP

6%

KAPP + KATP

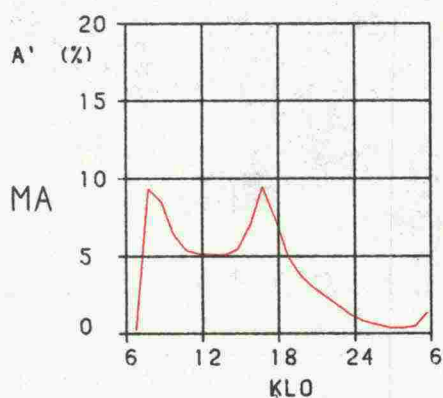
10%



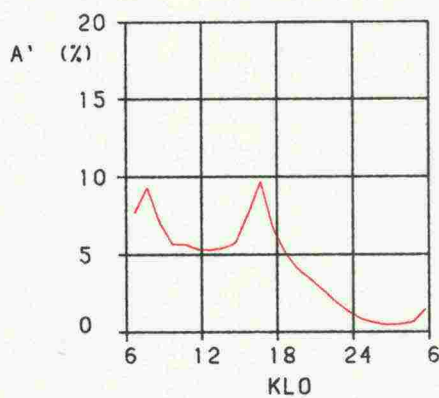


## TUNTIVAIHTELUT

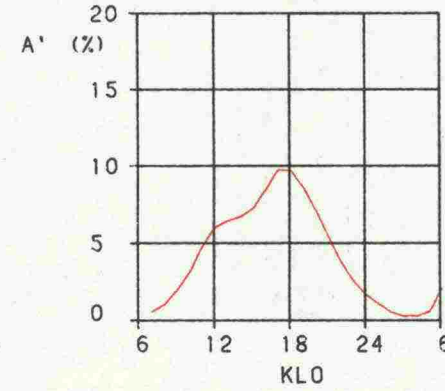
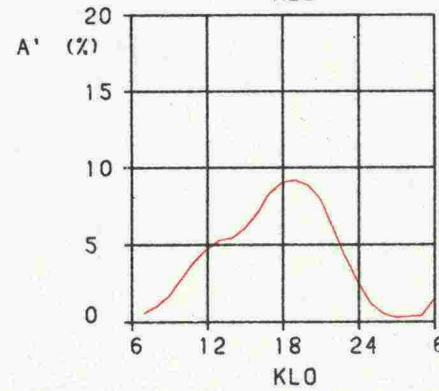
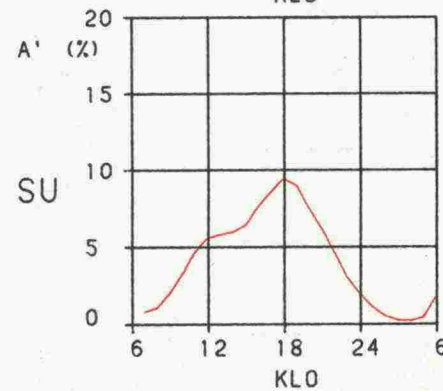
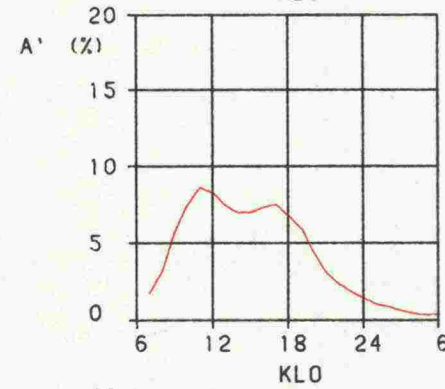
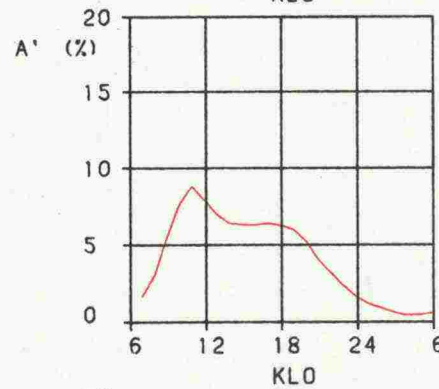
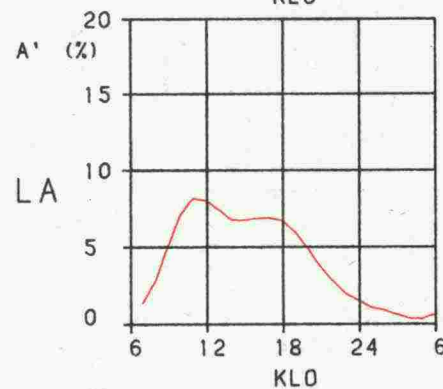
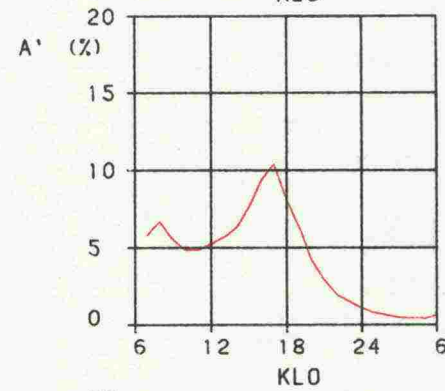
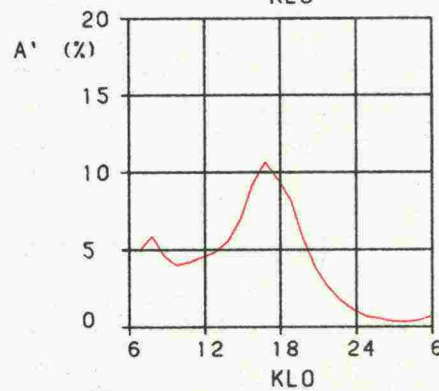
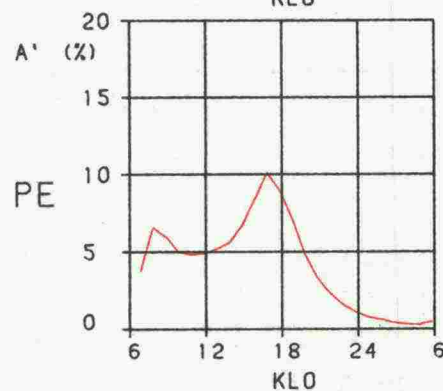
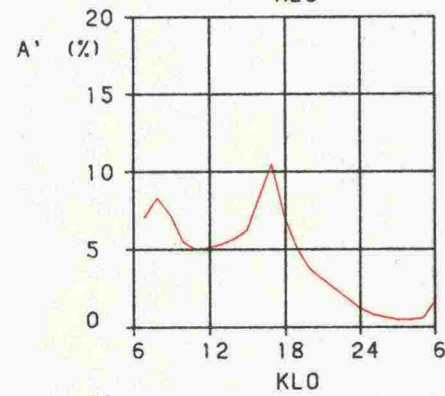
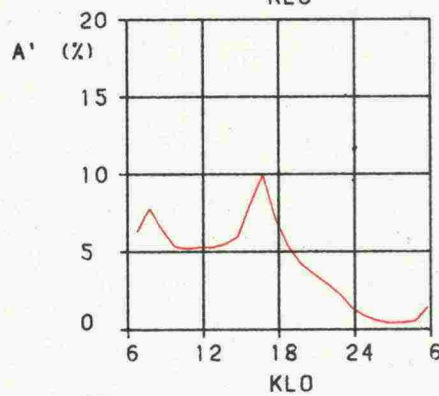
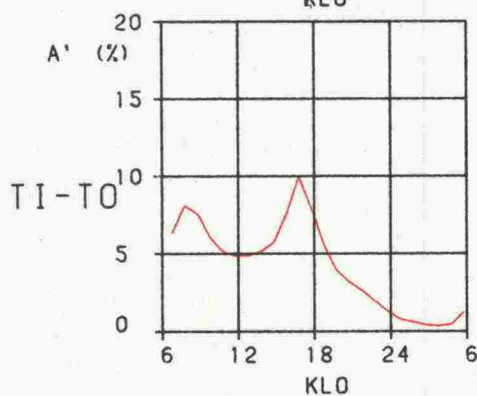
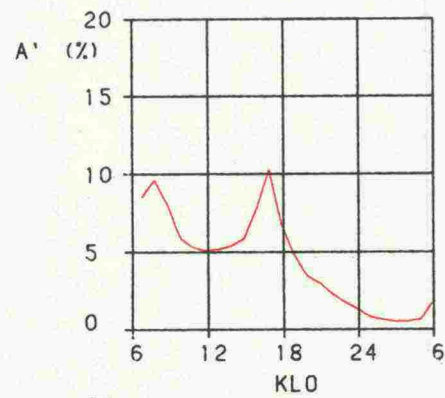
HELMIKUU



HEINAKUU



LOKAKUU



145 VAARALA

1985

VT4 TIEOSA 104 ETAISYYS 2.5 KM

KVL 24331 B' (SU/KESA) 0.89

KAVL 25866

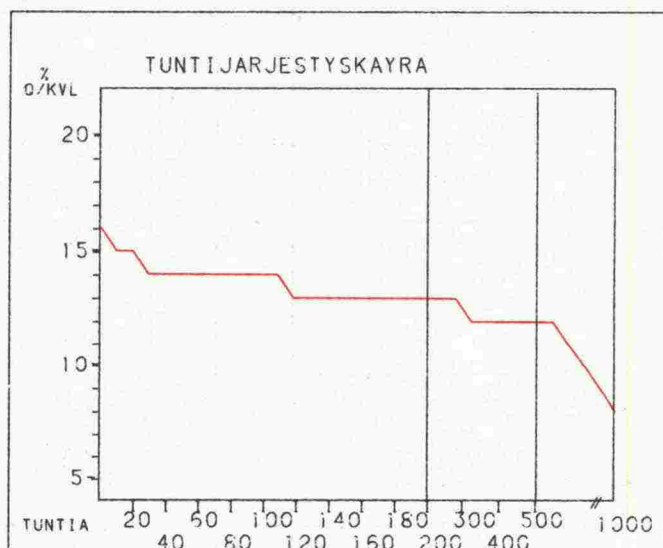
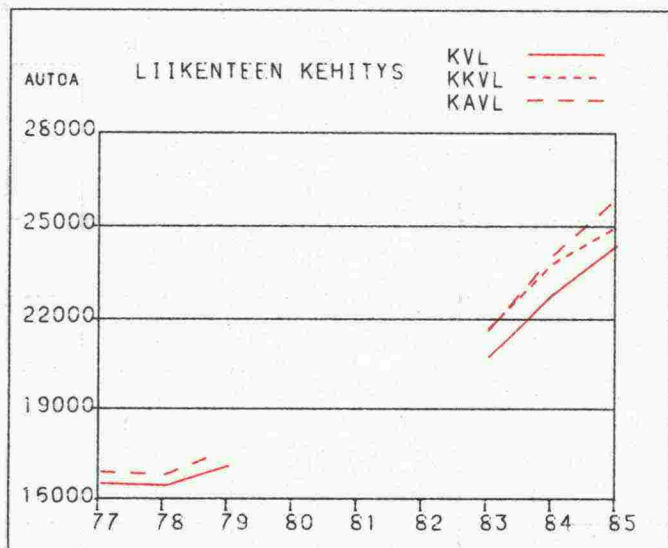
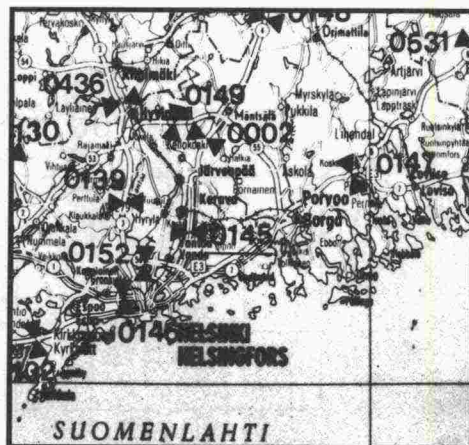
KKVL 24942 D' 1.02

## ARKILIIKENTEEN KOOSTUMUS

HA + PA 90 %

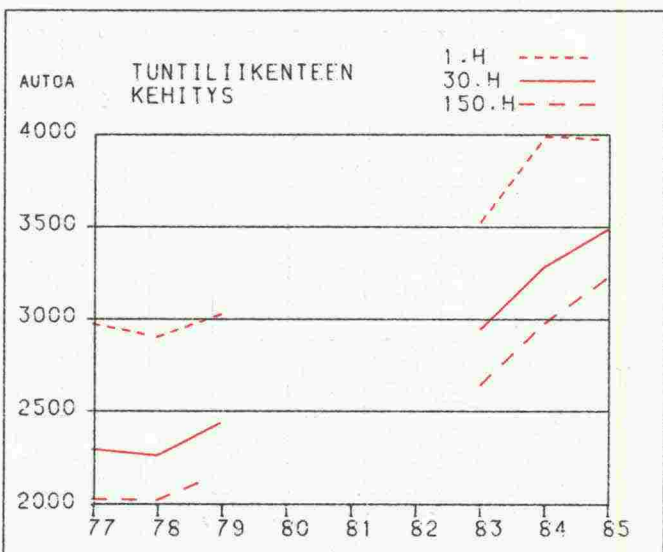
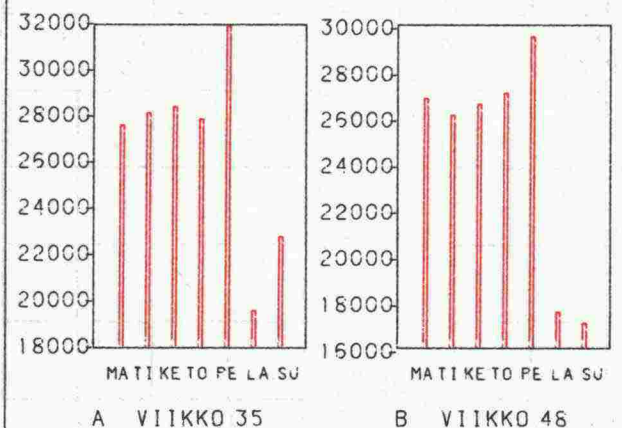
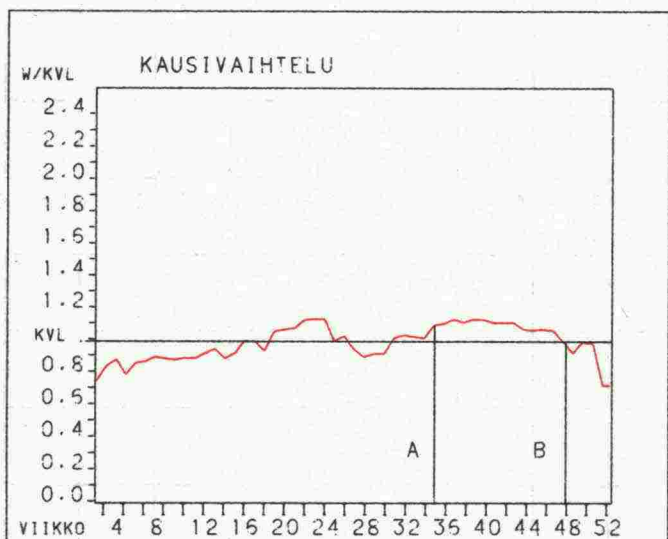
LA + KAIP 5 %

KAPP + KATP 5 %



H	O	PE-SU (*)	KERTYMA
1	3971	100	0.0
50	3395	56	2.0
100	3303	43	3.9
150	3233	37	5.7
300	2956	27	11.0
1000	2055	27	30.6
5000	815	39	87.6

(\*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUUS PE-SU:ILLE



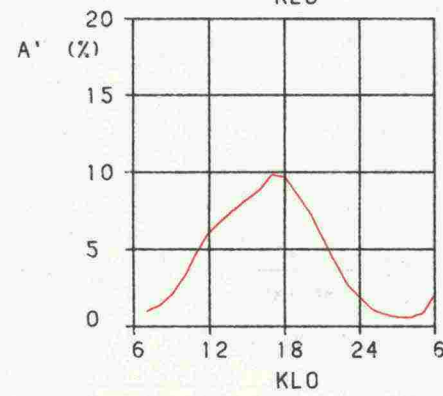
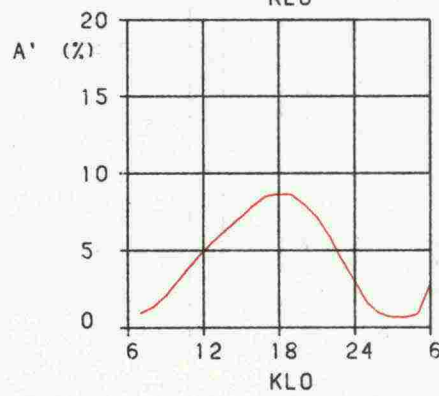
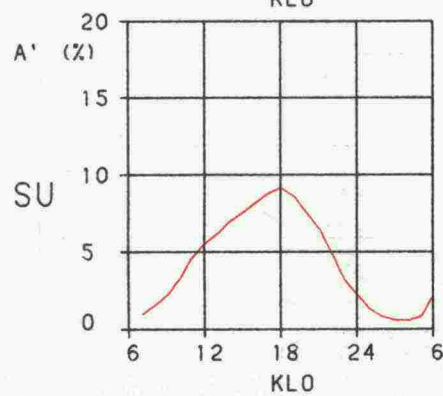
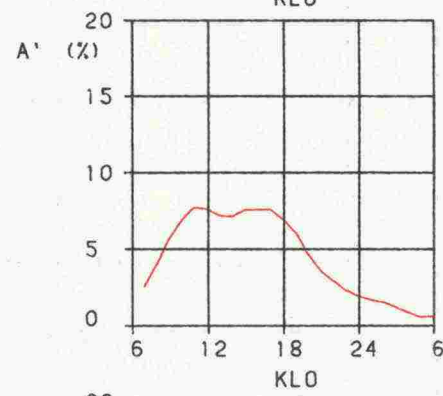
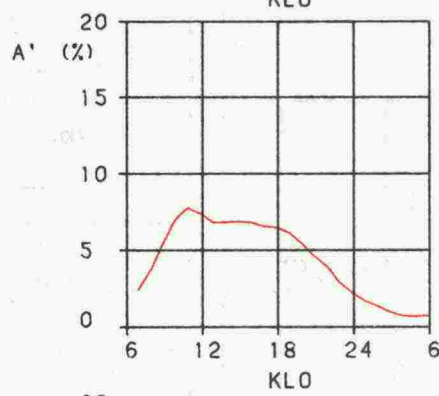
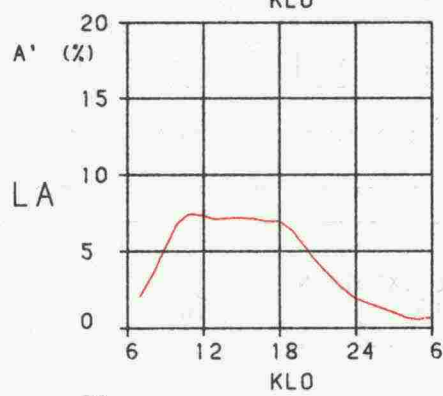
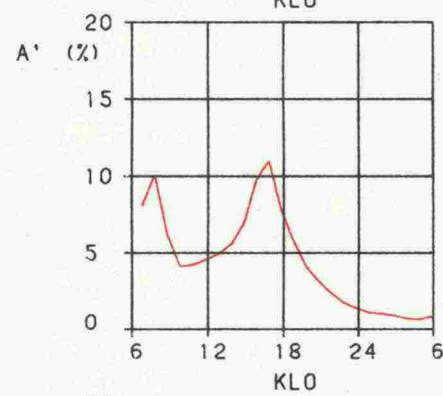
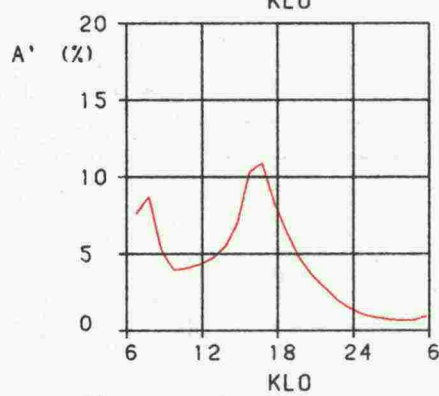
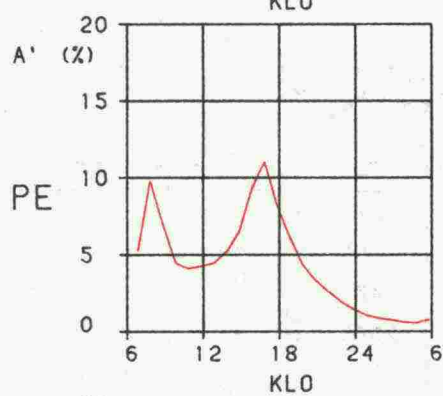
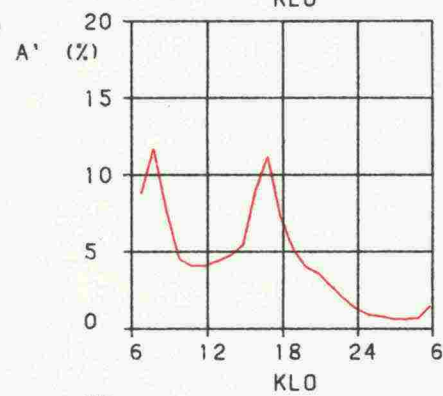
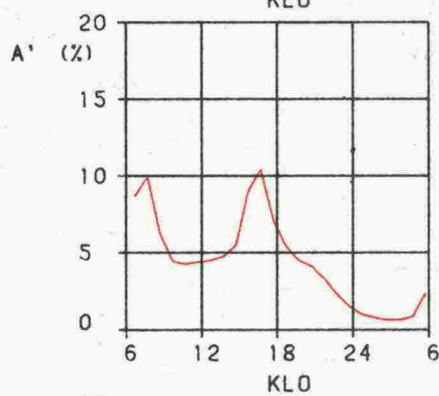
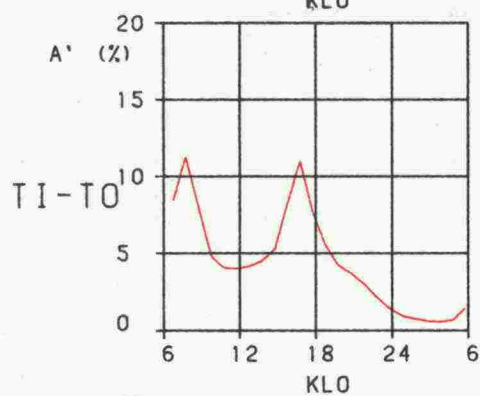
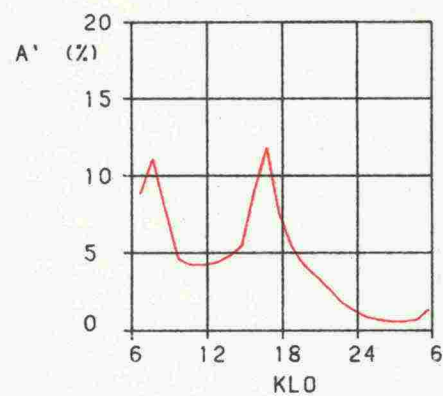
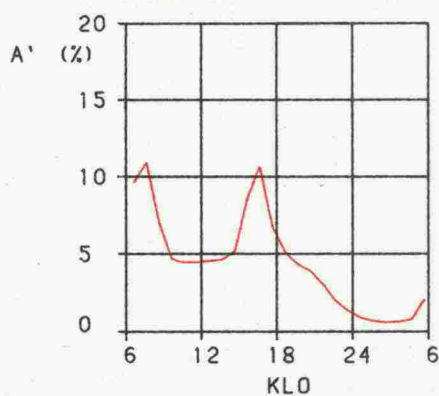
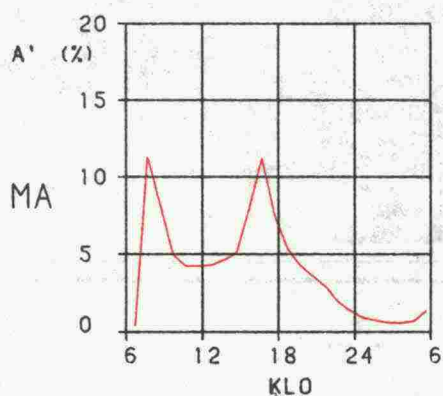


## TUNTI VAIHTELUT

HELMIKUU

HEINÄKUU

LOKAKUU





KVL 8681

B' (SU/KESA) 1.35

KAVL 7530

KKVL 11277

D' 1.29

ARKILIIKENTEEN KOOSTUMUS

HA + PA

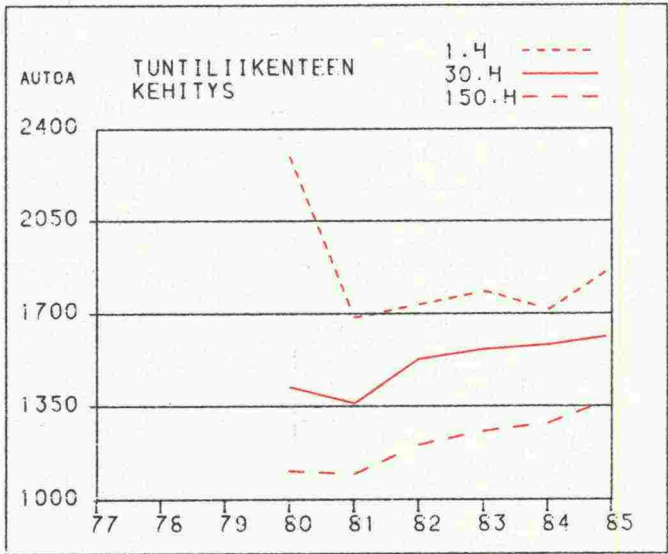
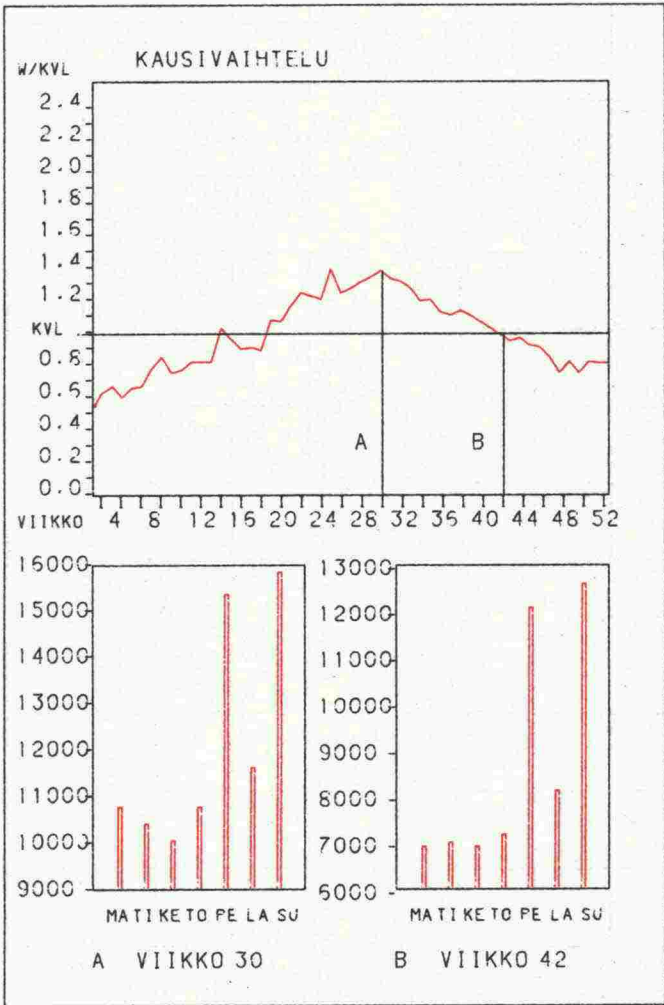
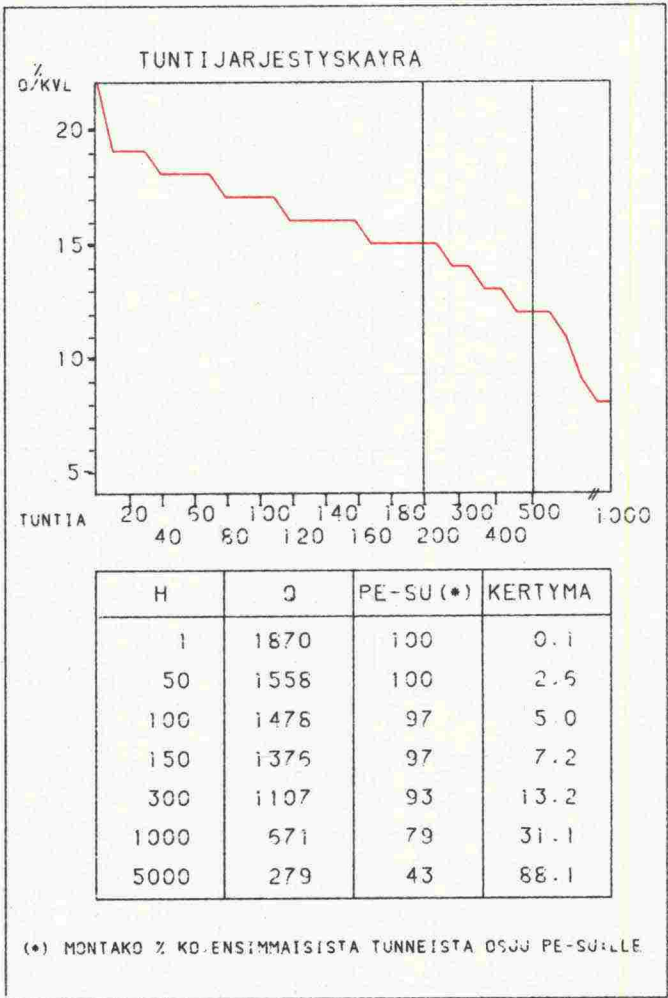
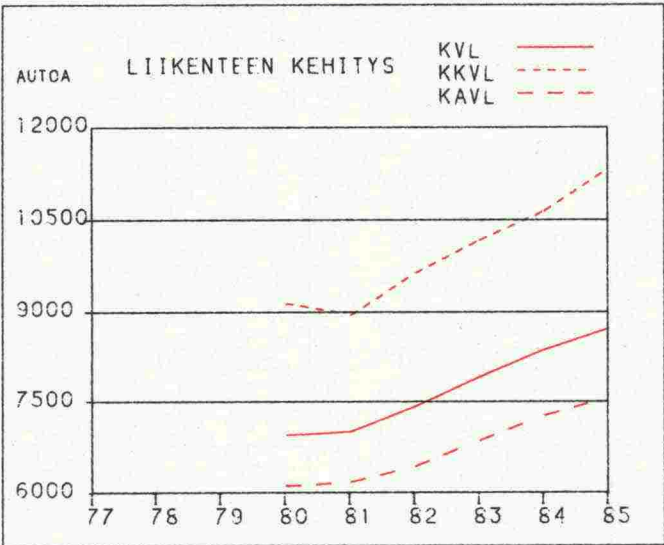
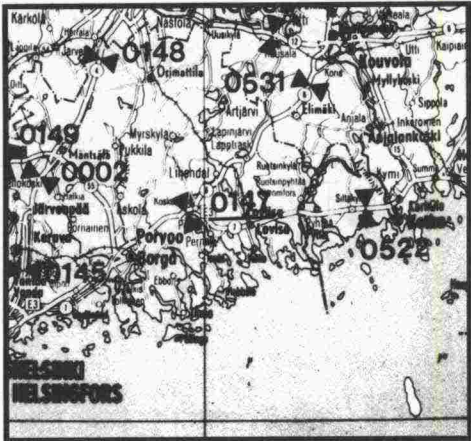
81 %

LA + KAIP

8 %

KAPP + KATP

11 %

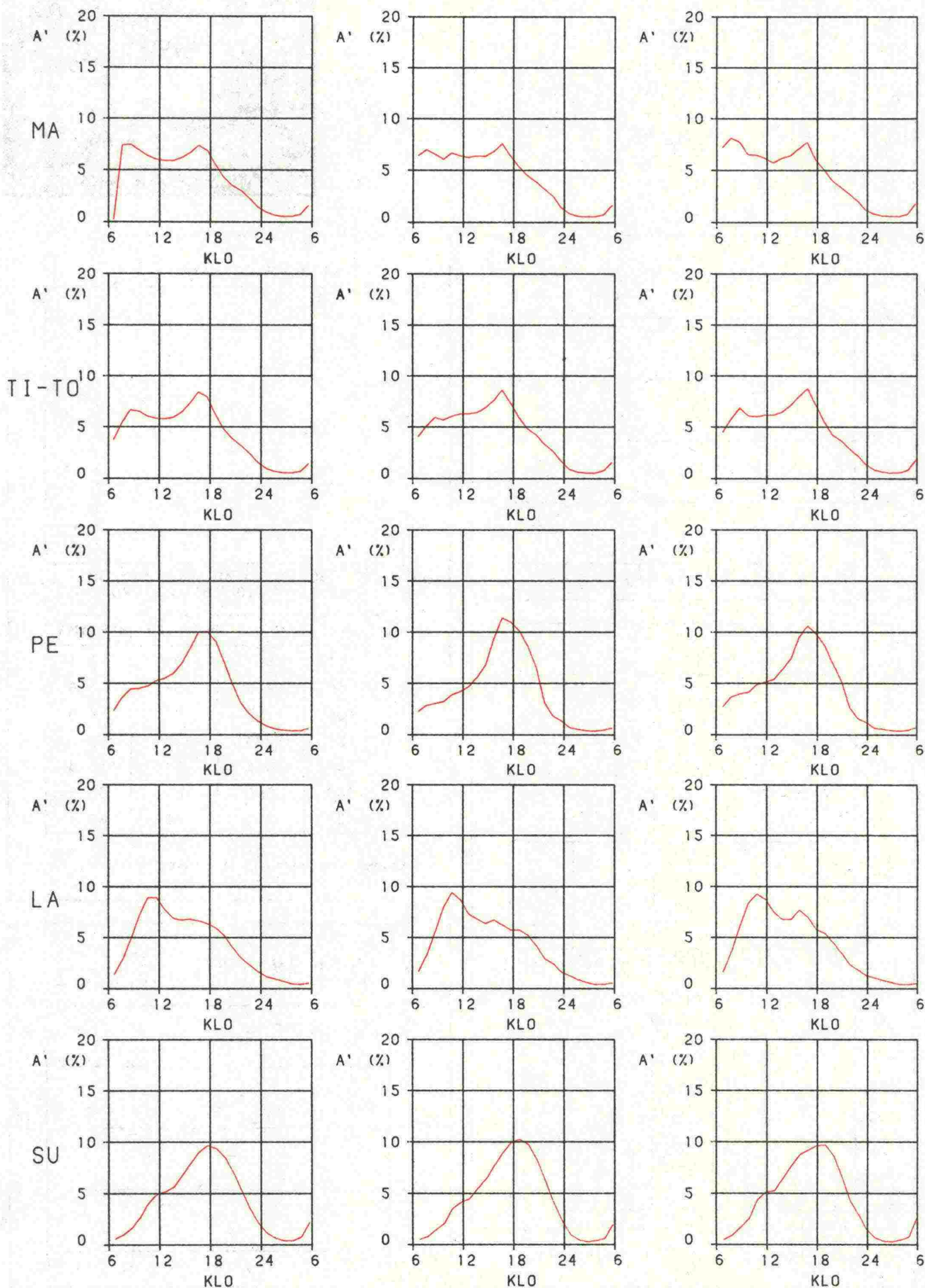


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU



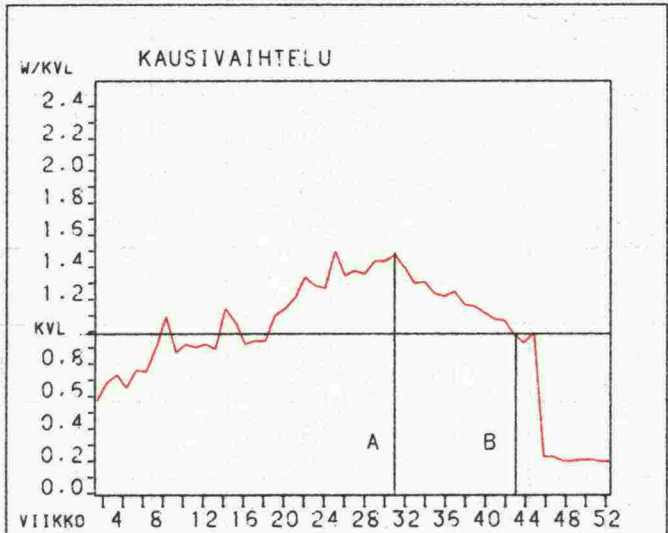
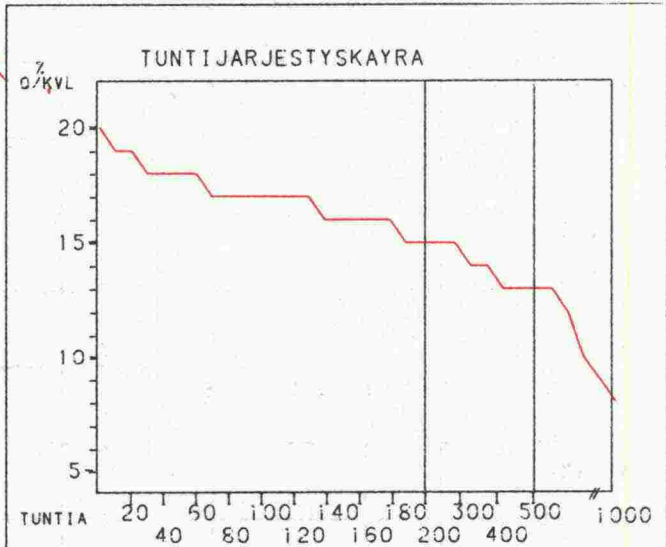
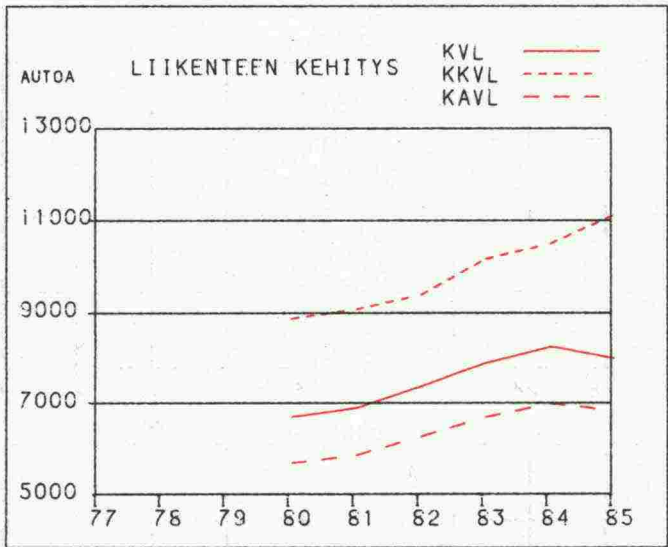
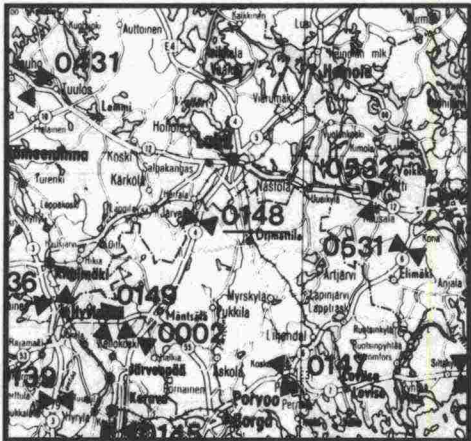


148 LUHTIKYLÄ 1985  
VT4 TIEOSA 119 ETAISYYS 1.5 KM

KVL 7966 B' (SU/KESA) 1.34  
KAVL 6808  
KKVL 11104 D' 1.39

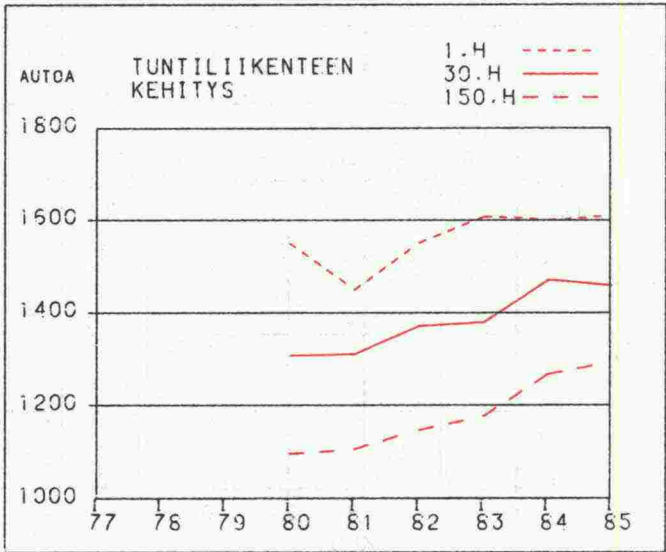
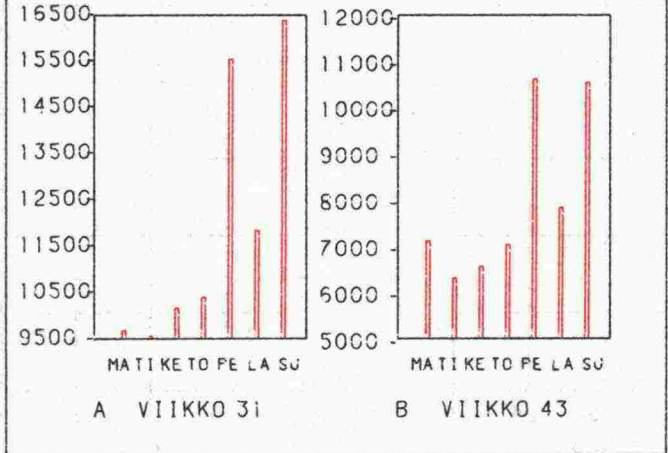
ARKILIIKENTEEN KOOSTUMUS

HA + PA 82 %  
LA + KAIP 6 %  
KAPP + KATP 12 %



H	D	PE-SU (*)	KERTYMA
1	1611	100	0.1
50	1418	96	2.6
100	1357	95	4.9
150	1293	95	7.2
300	1075	94	13.3
1000	660	60	32.6
5000	201	42	69.3

(\*) MONTAKO % KO ENSIMMAISISTA TUNNEISTA OSUUS PE-SU: LLE.

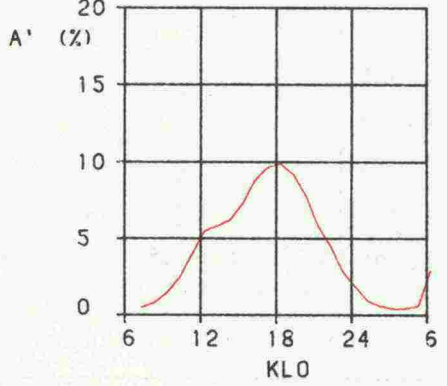
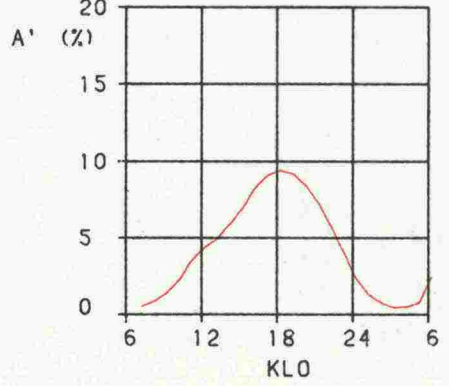
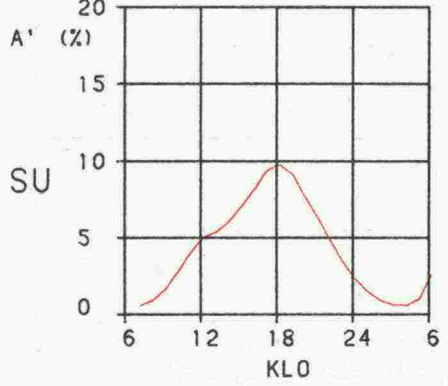
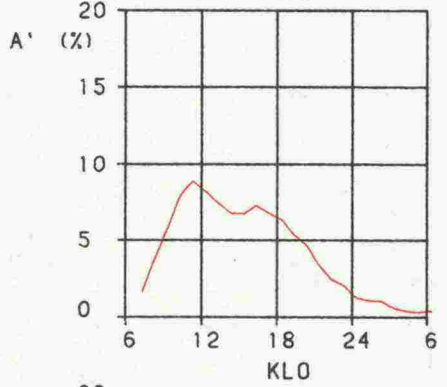
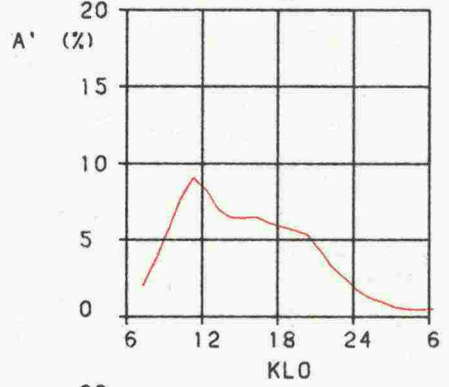
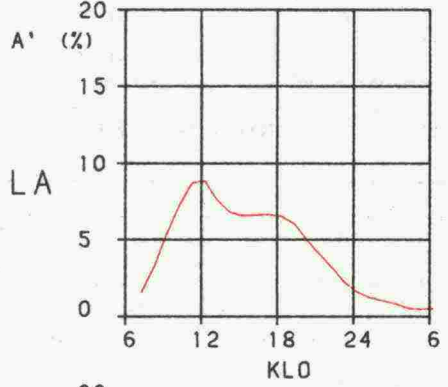
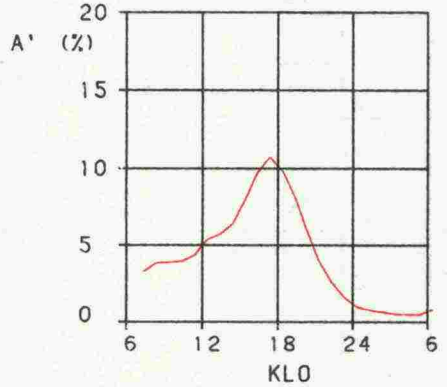
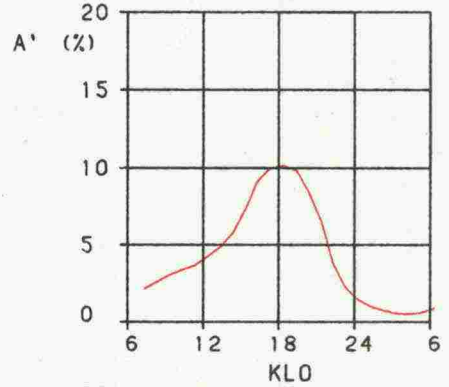
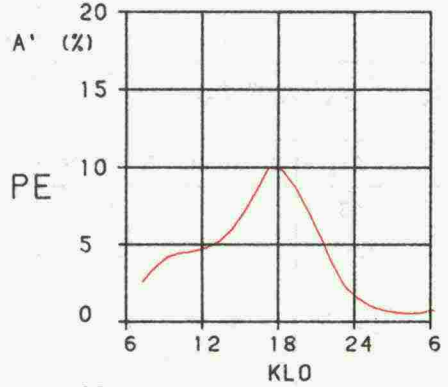
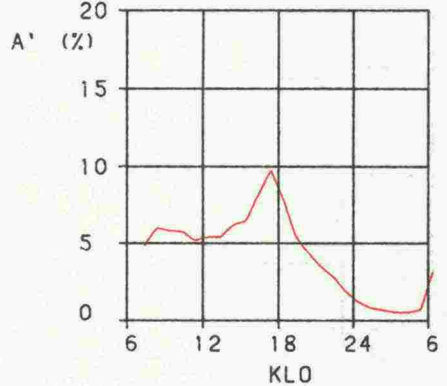
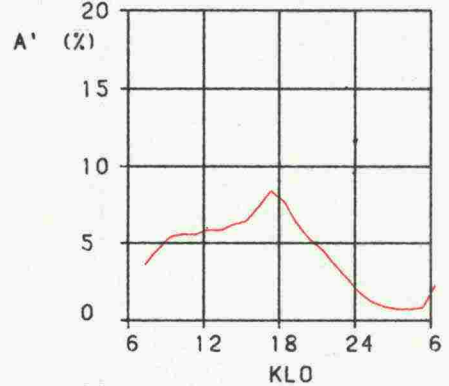
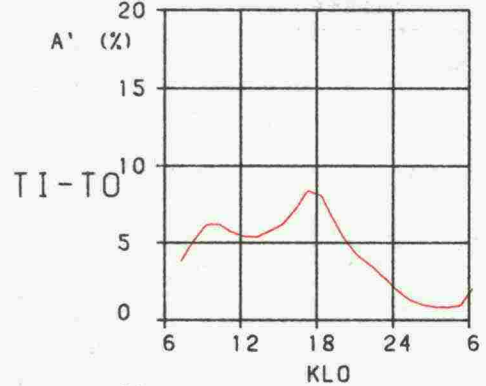
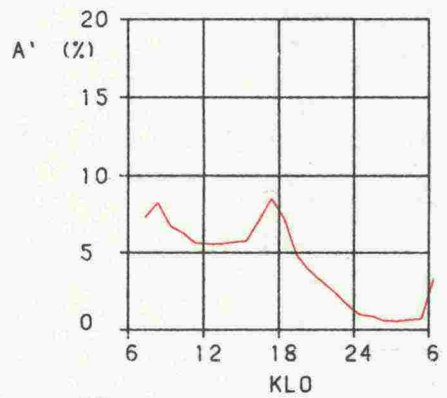
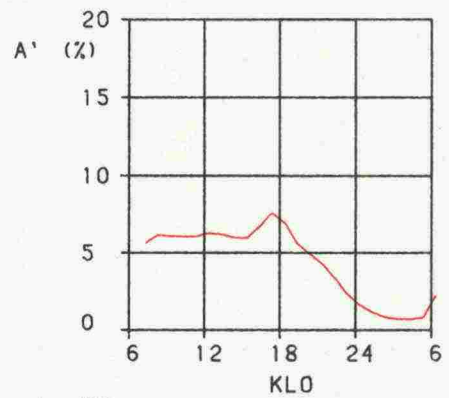
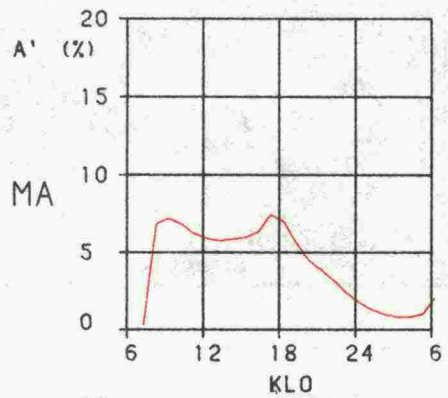


# TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU



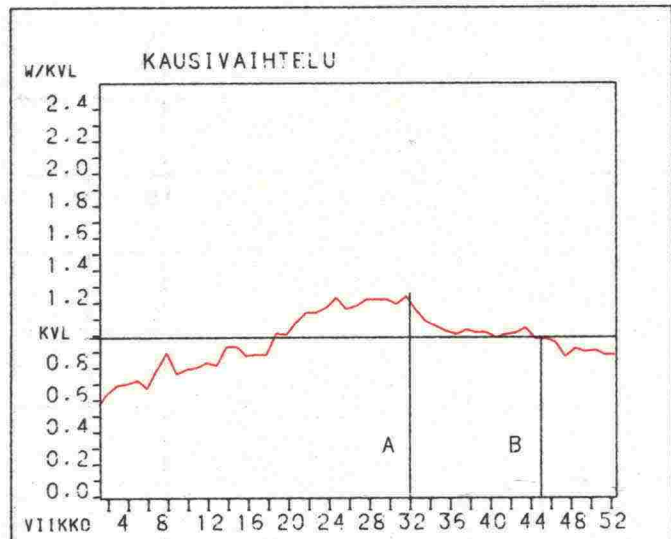
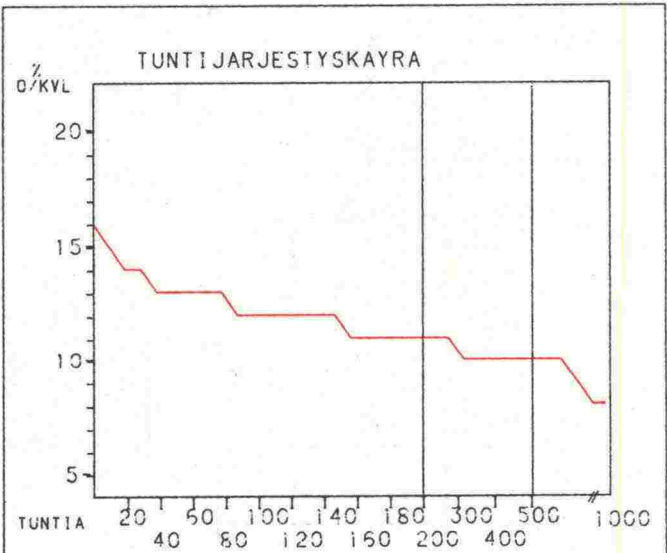
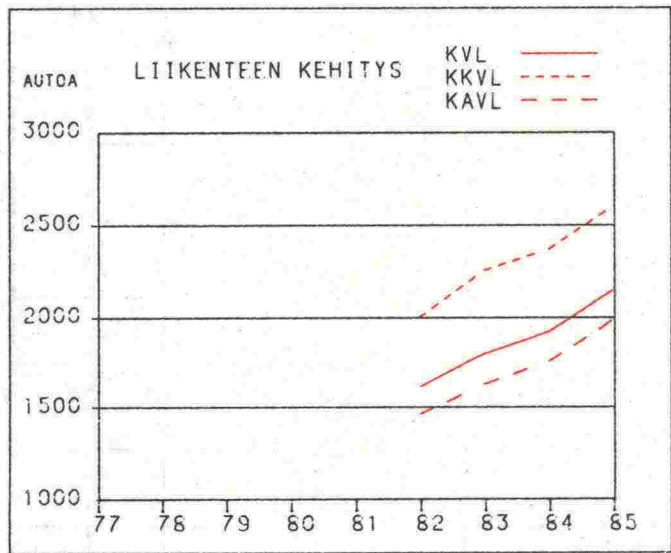
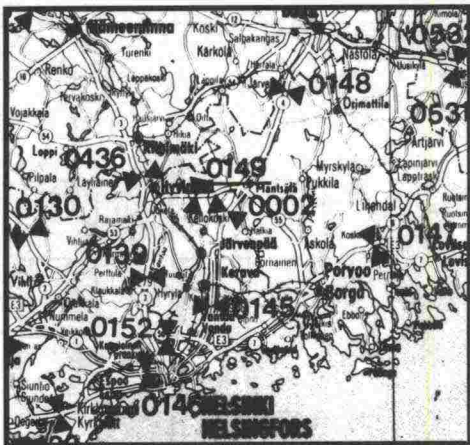


149HYVINKAA/MÄNTSÄLÄ 1985  
KT53 TIEOSA 34 ETAISYYS 5.3KM

KVL 2145 B' (SU/KESA) 1.20  
KAVL 1986  
KKVL 2599 D' 1.21

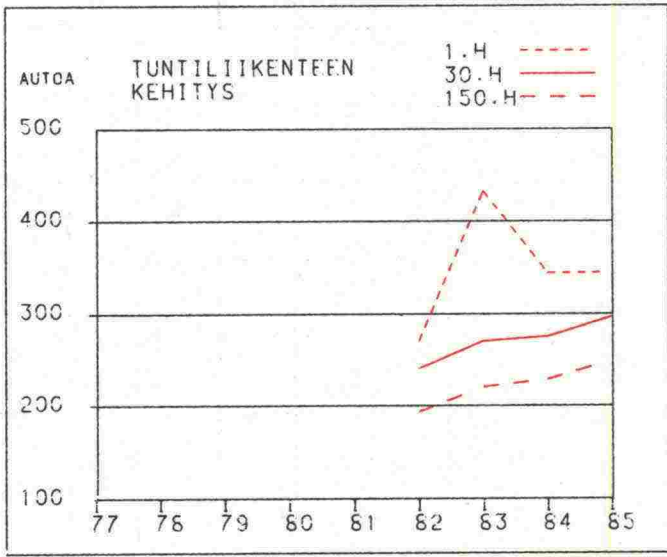
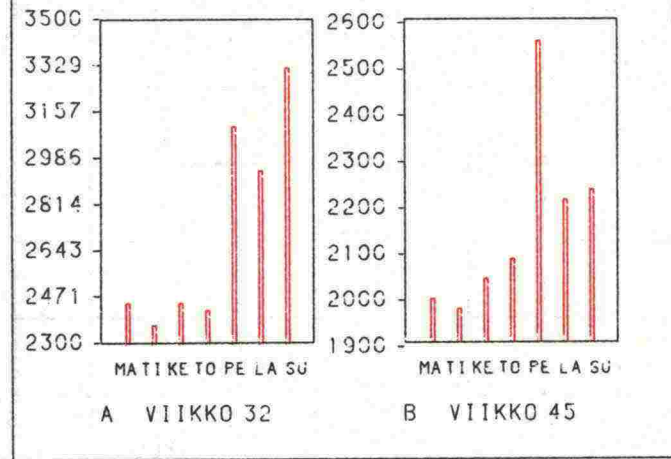
ARKILIIKENTEEN KOOSTUMUS

HA + PA 77 %  
LA + KAIP 8 %  
KAPP + KATP 15 %



H	O	PE-SU (*)	KERTYMA
1	343	100	0.0
50	286	100	1.9
100	261	97	3.7
150	274	93	5.3
300	218	88	9.7
1000	168	69	26.6
5000	73	43	66.6

(\*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUU PE-SU:ALLE

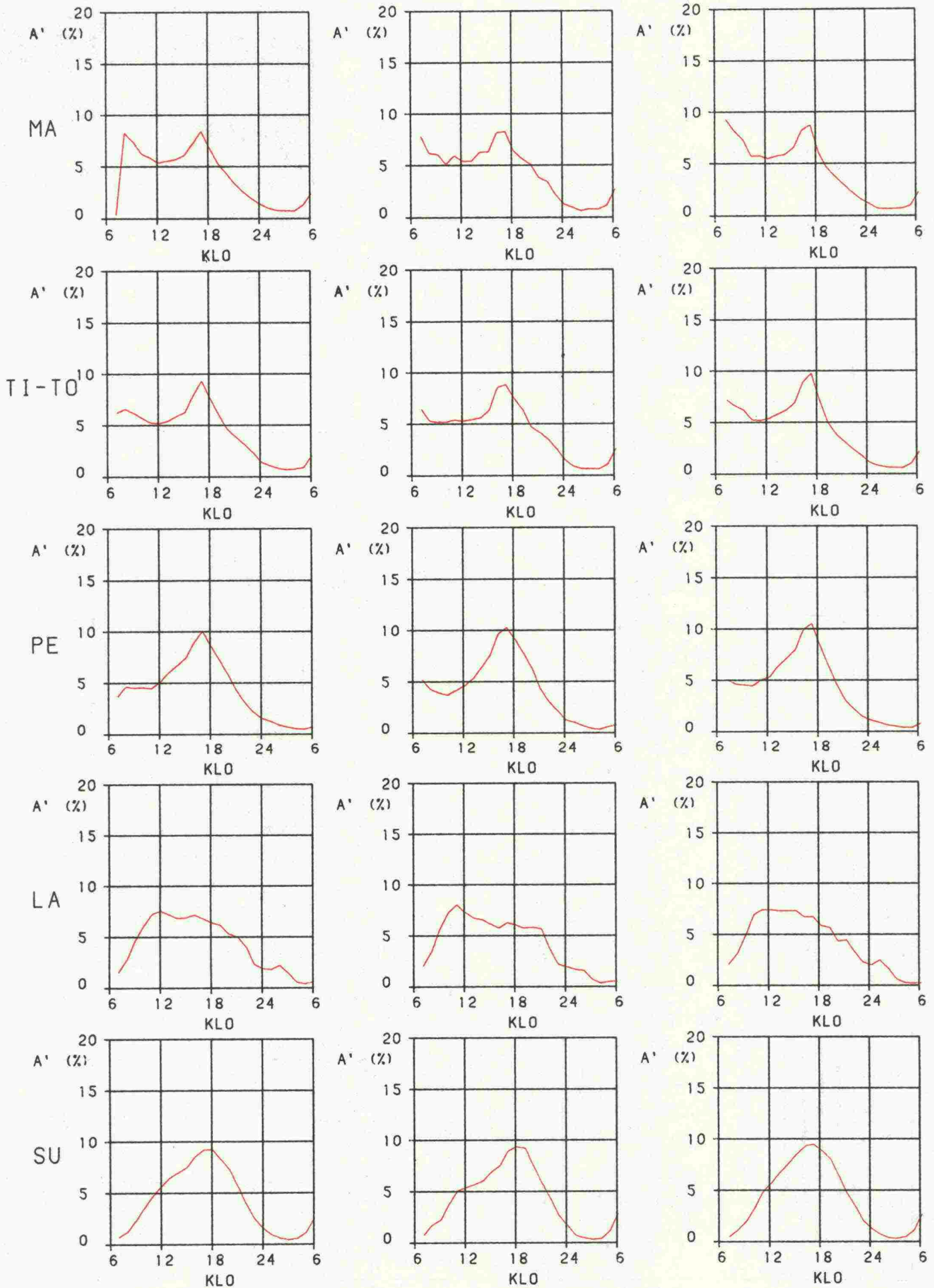


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU



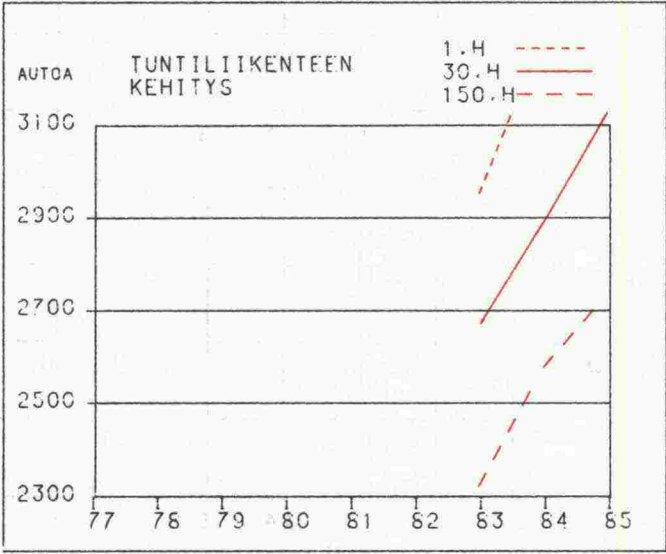
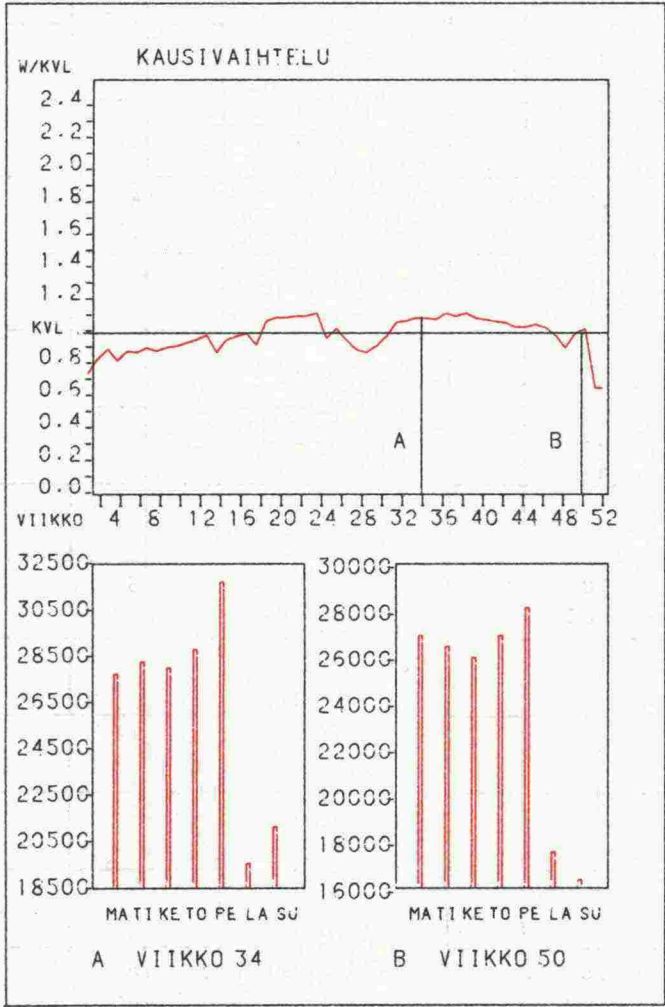
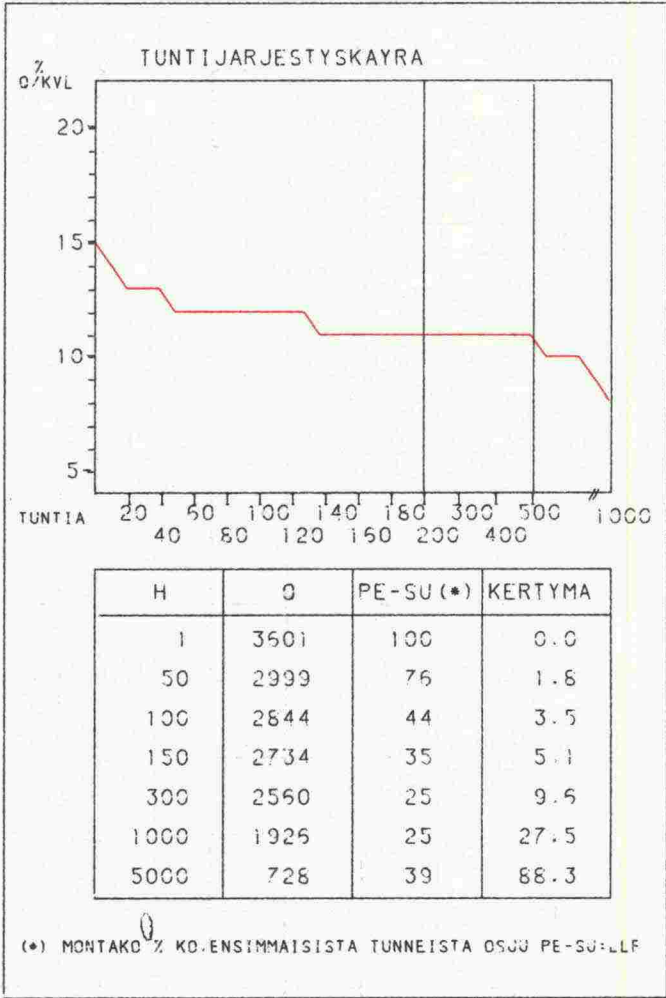
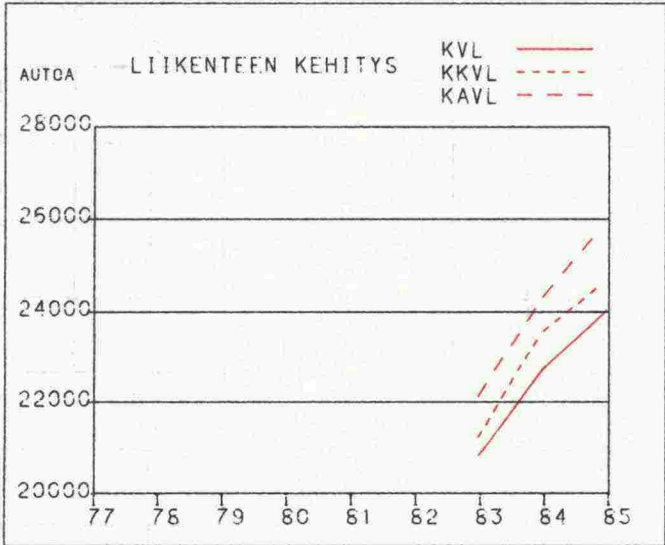
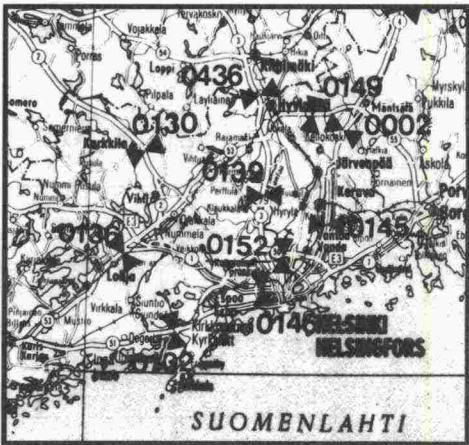


152KEH'A-III VEROMIES1985  
KT50 TIEOSA 6 ETAISYYS 4.1 KM

KVL 24020 B' (SU/KESA) 0.78  
KAVL 25941  
KKVL 24668 D' 1.02

ARKILIIKENTEEN KOOSTUMUS

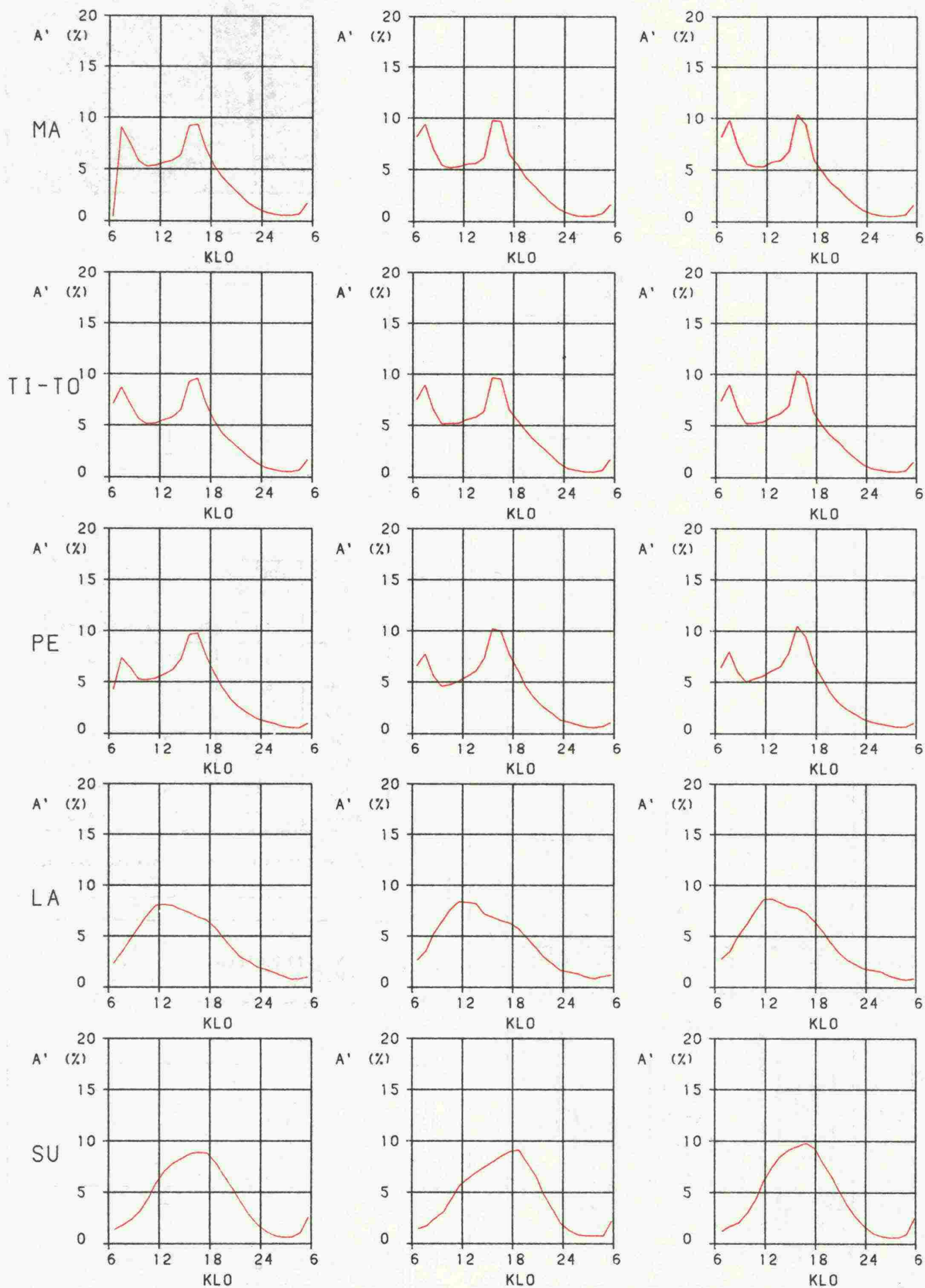
HA + PA 85 %  
LA + KAIP 9 %  
KAPP + KATP 6 %



HELMIKUU

HEINAKUU

LOKAKUU





KVL 6577

B' (SU/KESA) 0.95

KAVL 6708

KKVL 8269

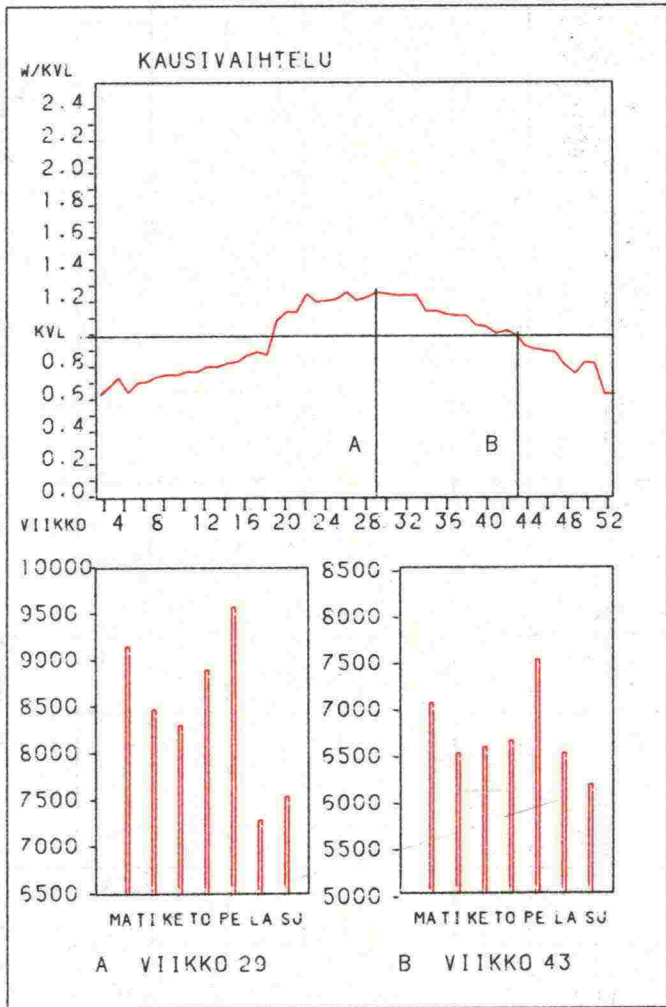
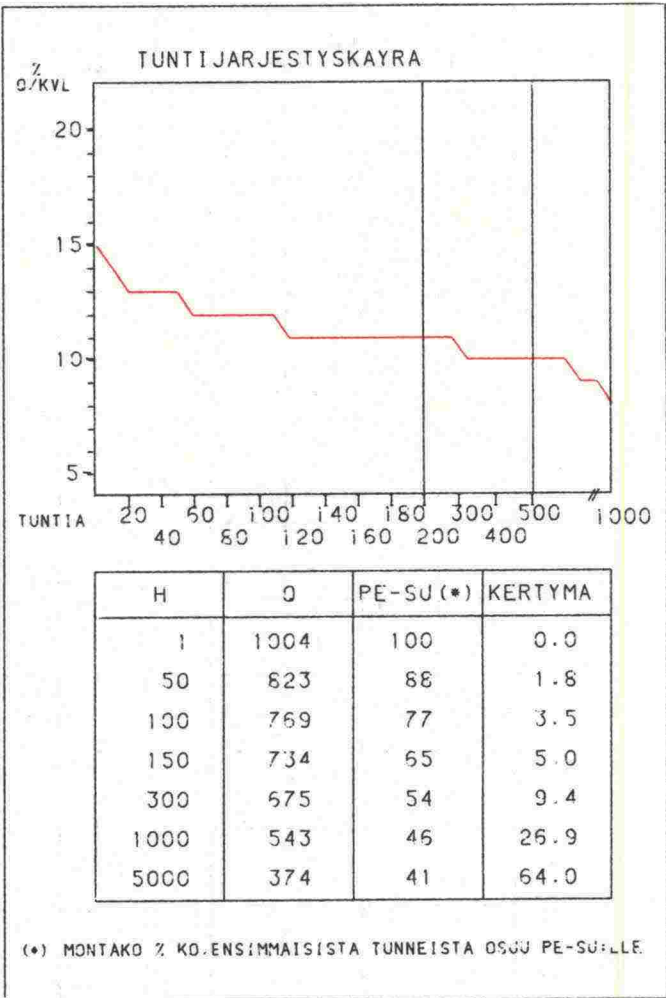
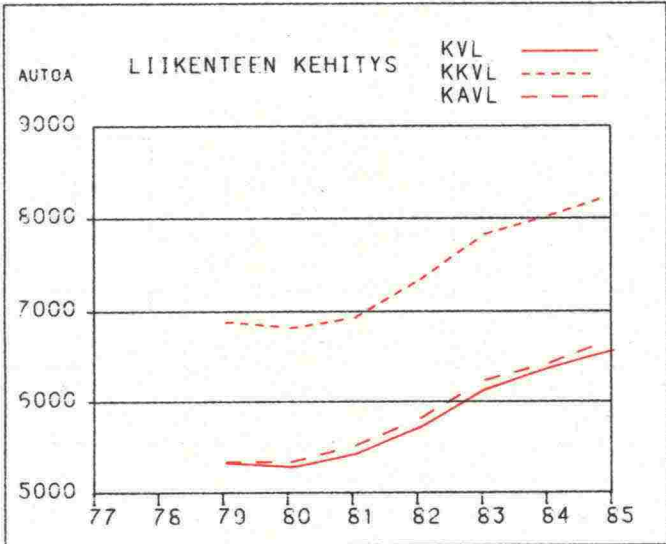
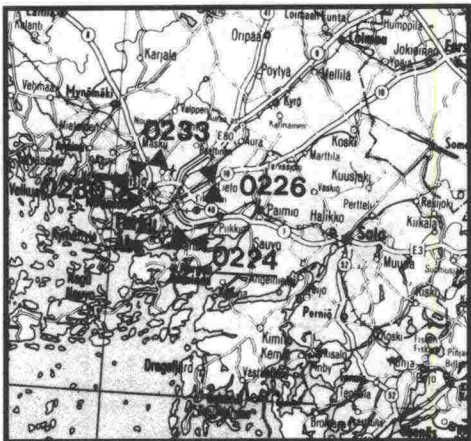
D' 1.25

ARKILIIKENTEEEN KOOSTUMUS

HA + PA 87 %

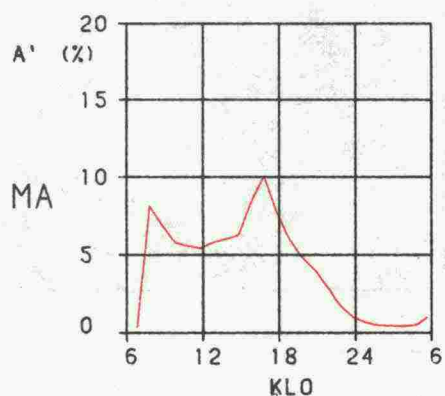
LA + KAIP 7 %

KAPP + KATP 6 %

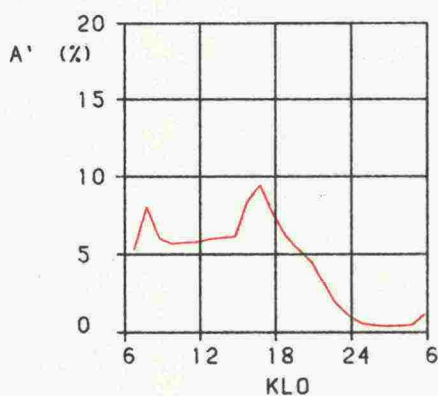


## TUNTIVAIHTELUT

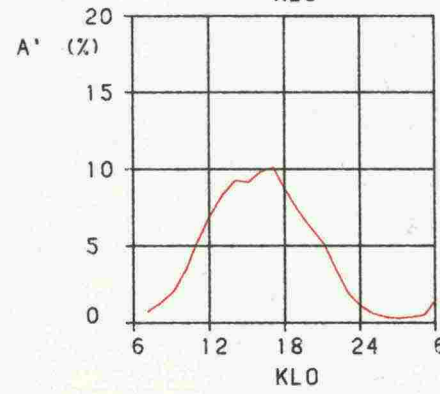
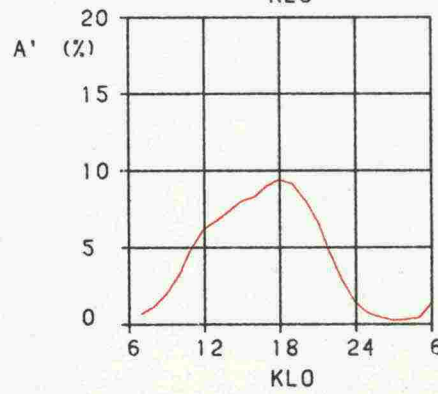
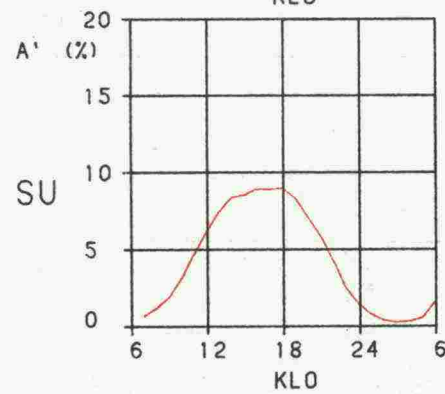
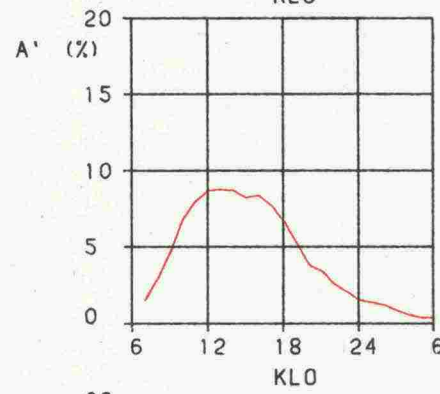
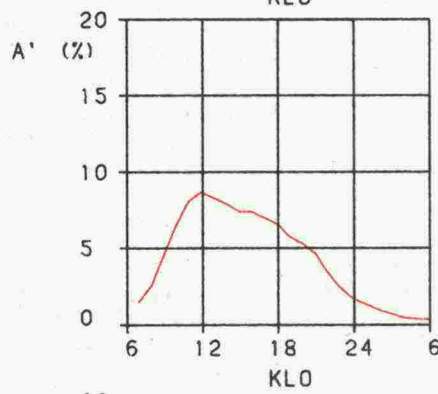
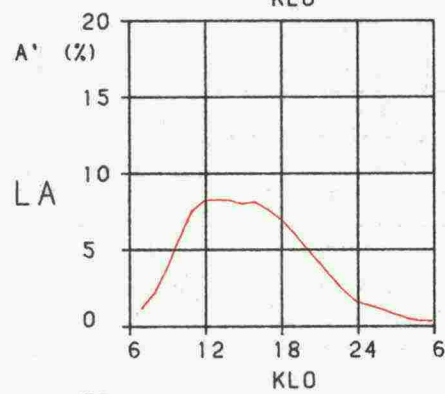
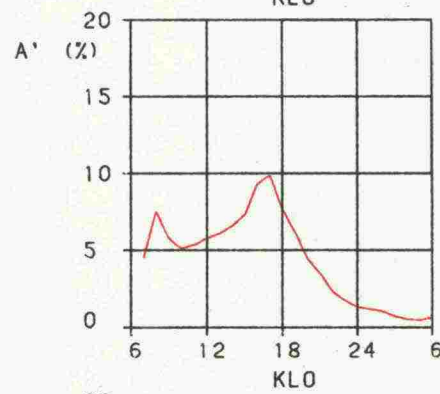
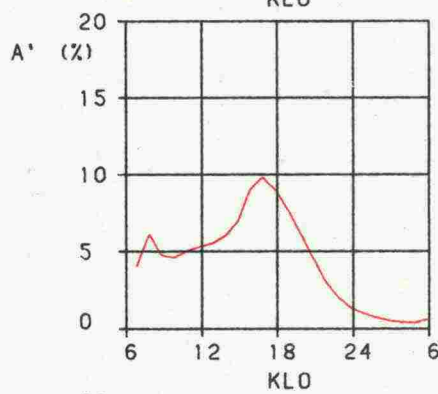
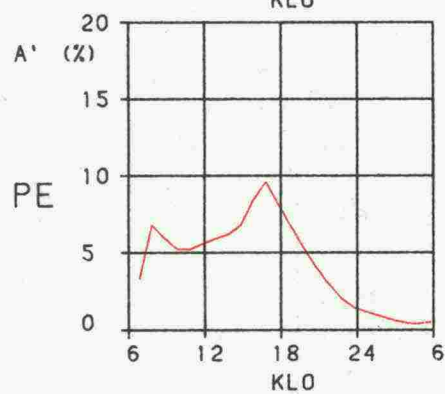
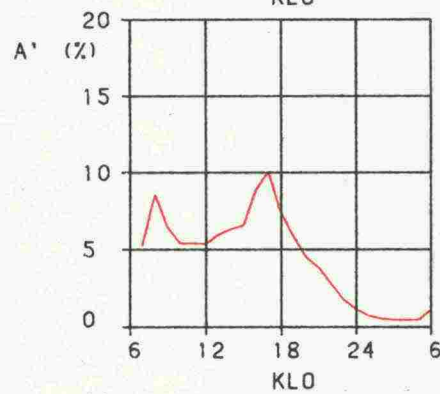
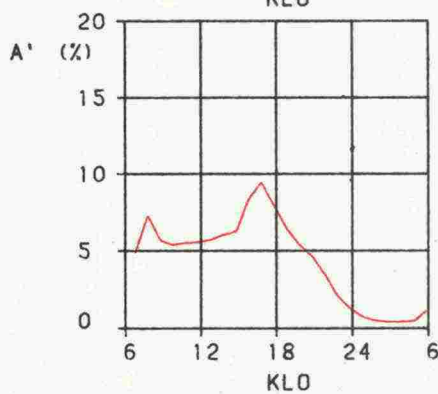
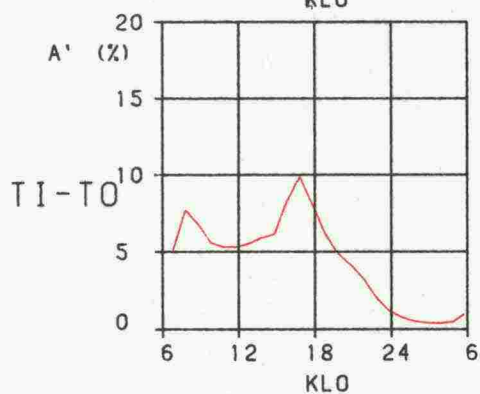
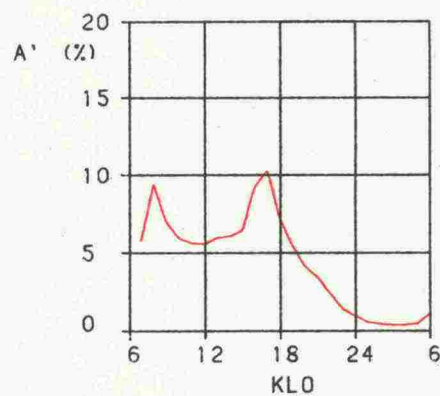
HELMIKUU



HEINAKUU



LOKAKUU





226 LIETO

1985

VT10 TIEOSA 2 ETAISYYS 5.1 KM

KVL 8406

B' (SU/KESA) 0.87

KAVL 8659

D' 1.07

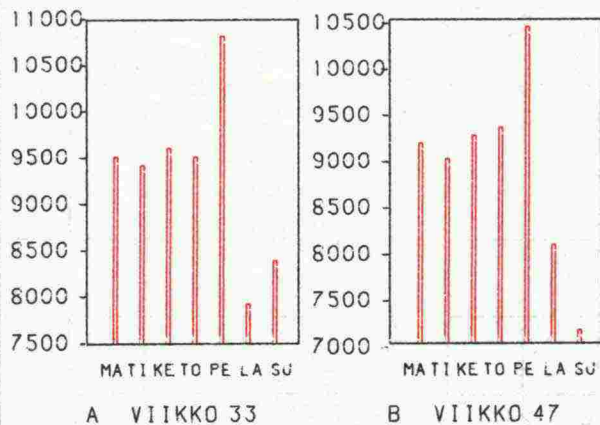
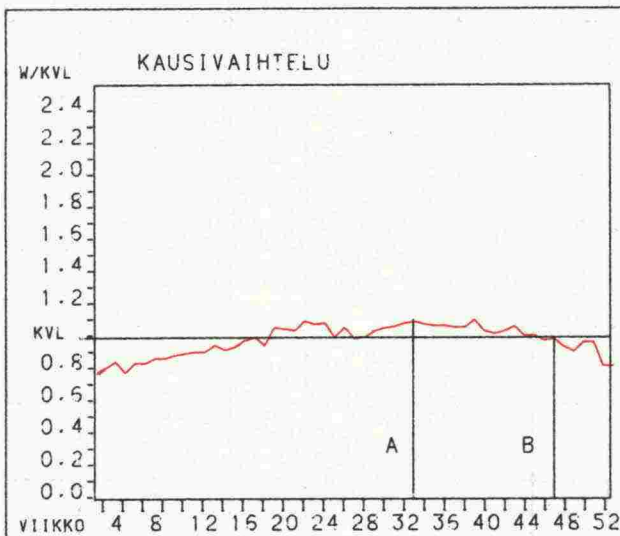
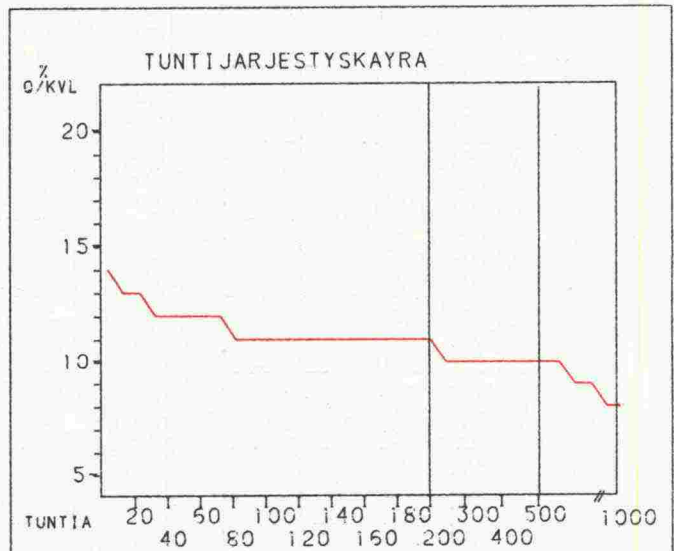
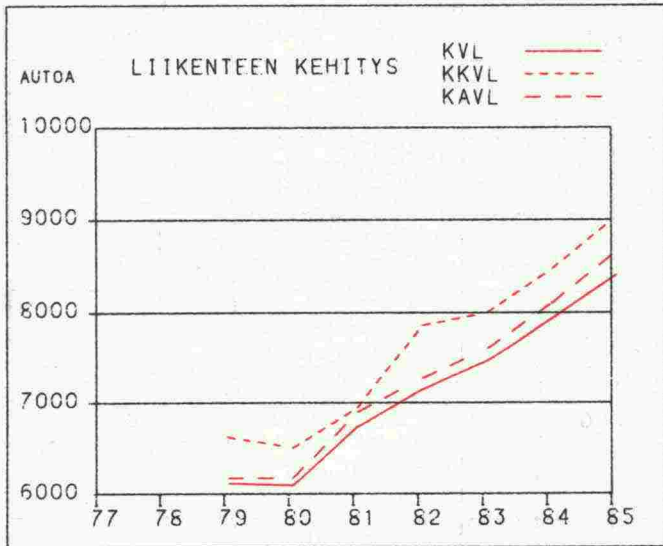
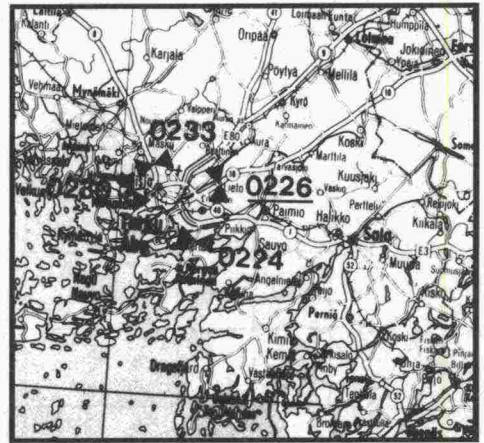
KKVL 9042

## ARKILIIKENTEEN KOOSTUMUS

HA + PA 88 %

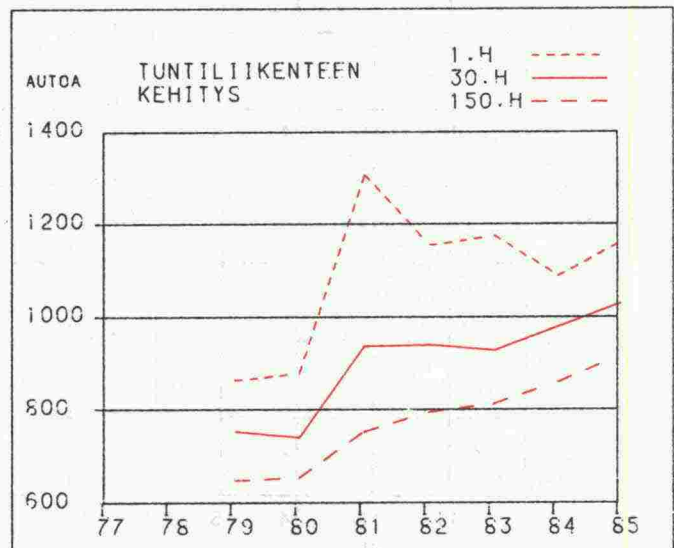
LA + KAIP 7 %

KAPP + KATP 5 %



H	Q	PE-SU (*)	KERTYMA
1	1163	100	0.0
50	990	80	1.7
100	946	61	3.3
150	918	49	4.6
300	828	38	9.1
1000	661	31	25.7
5000	315	39	87.7

(\*) MONTAKO % KO ENSIMMAISISTA TUNNEISTA OSUUS PE-SU:ILLE

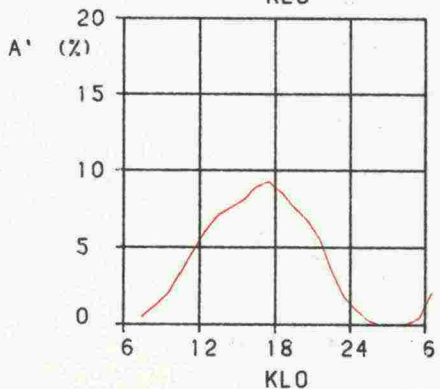
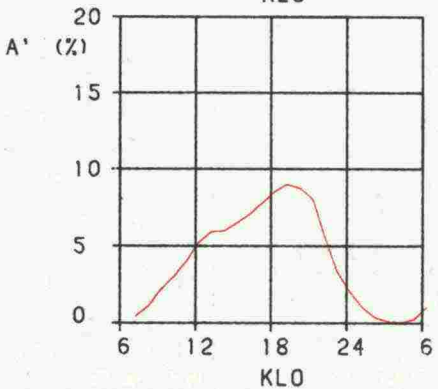
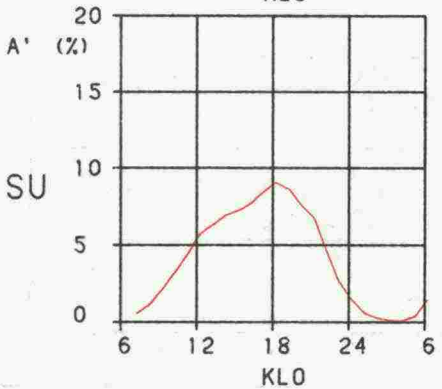
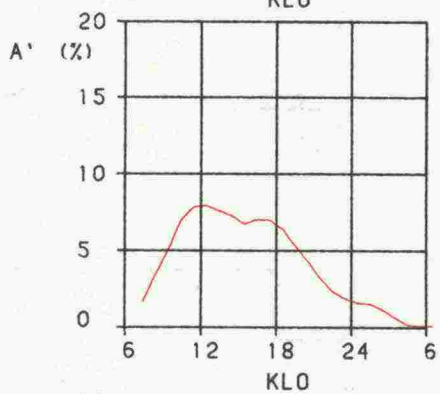
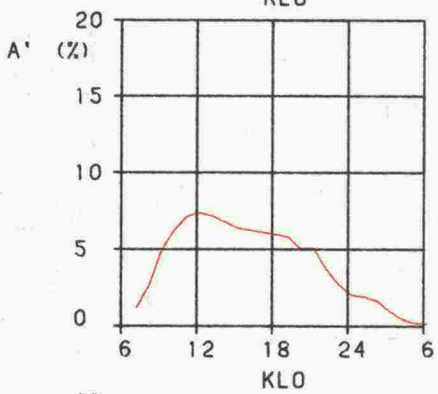
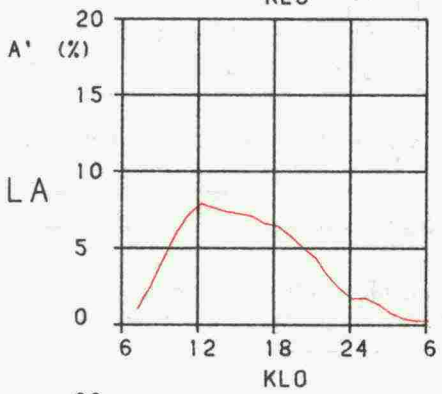
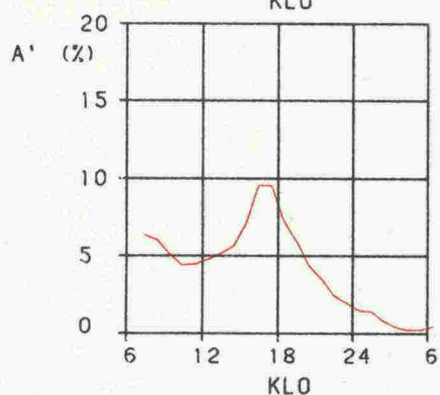
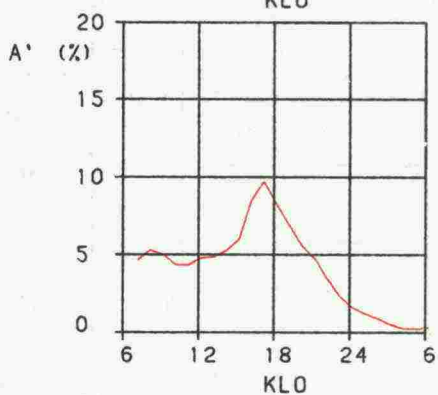
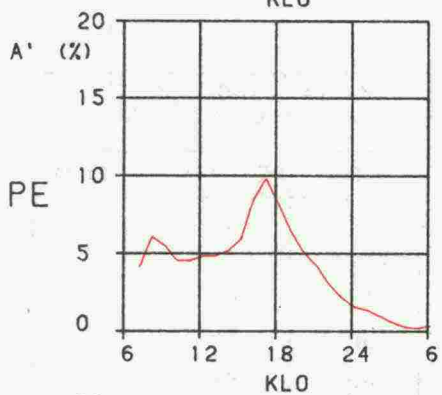
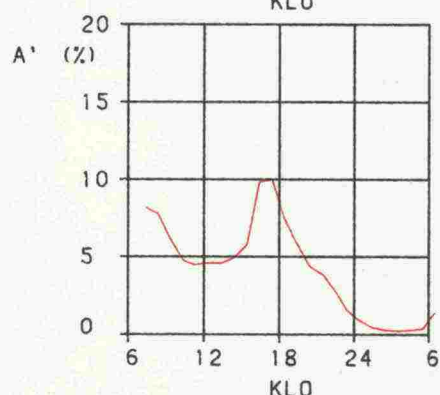
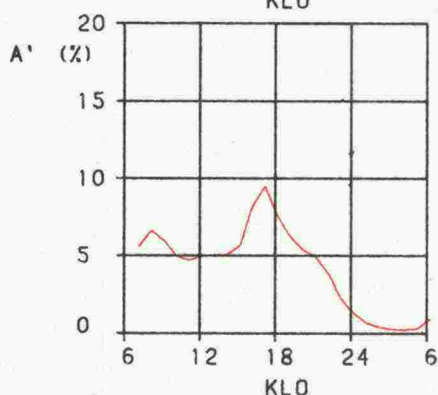
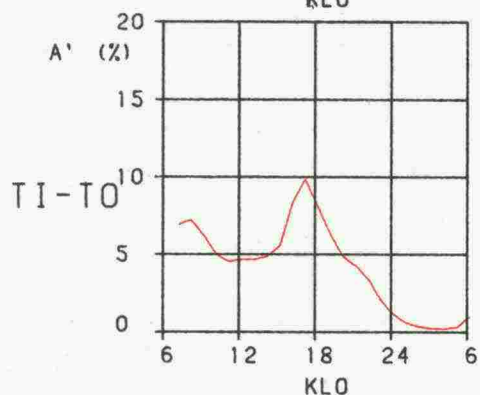
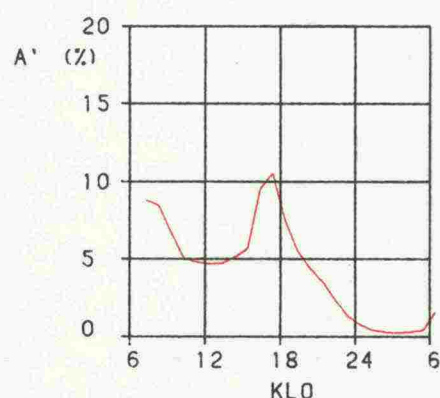
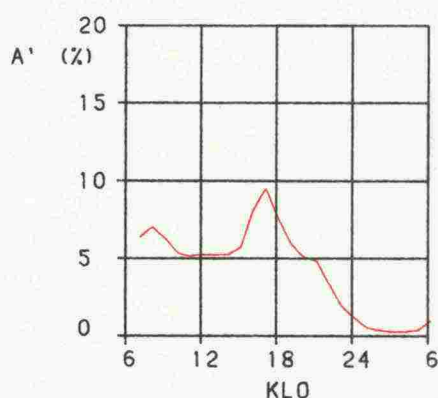
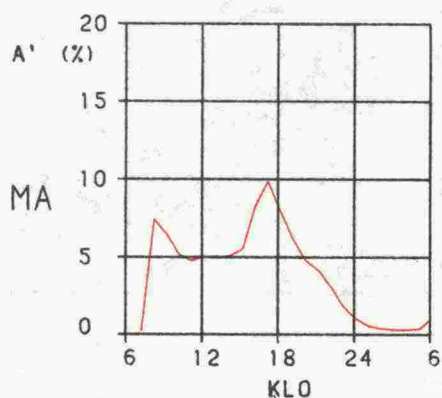


## TUNTI VAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU





KVL 9112

B' (SU/KESA) 1.03

KAVL 8883

KKVL 10853

D' 1.19

ARKILIIKENTEEN KOOSTUMUS

HA + PA

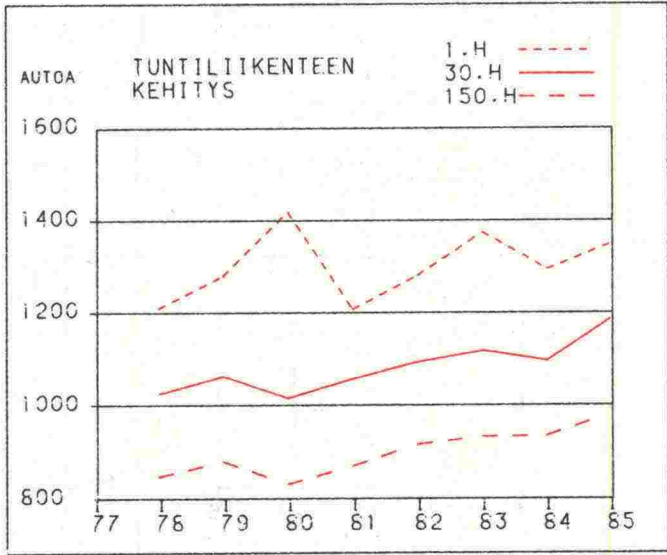
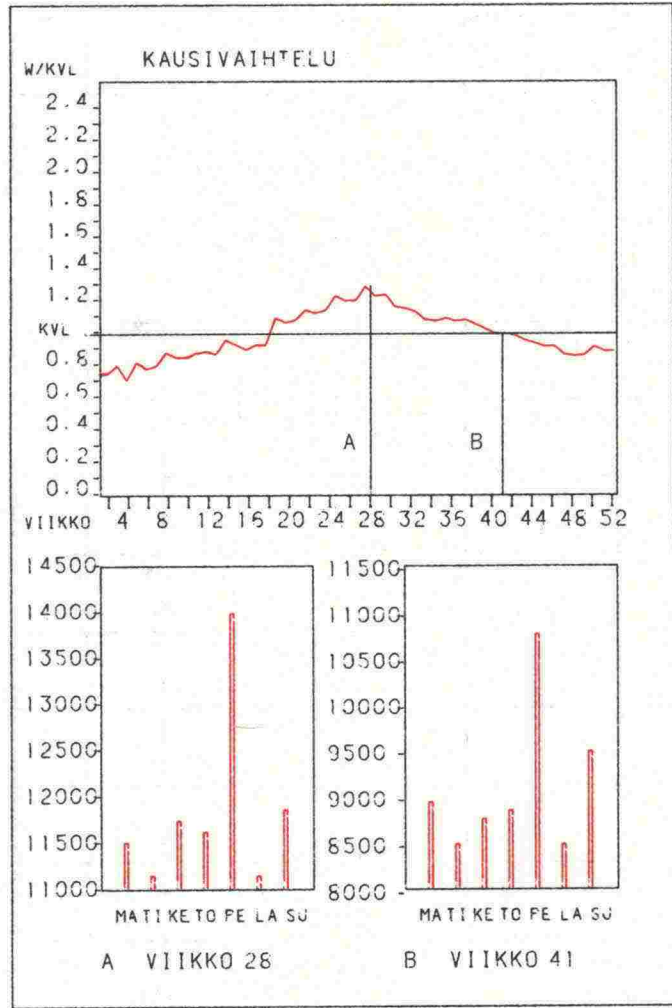
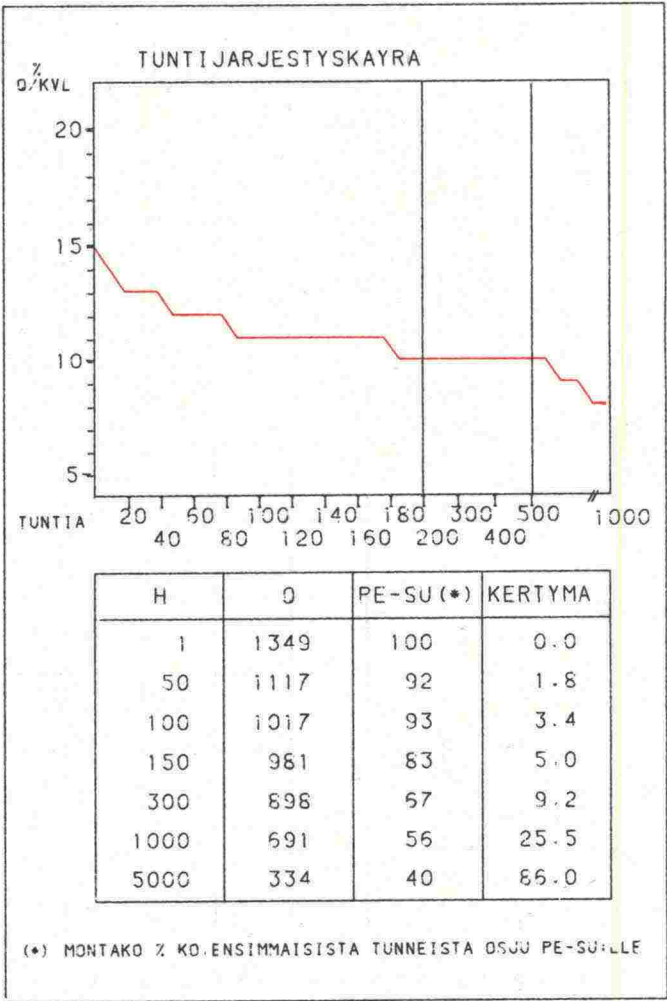
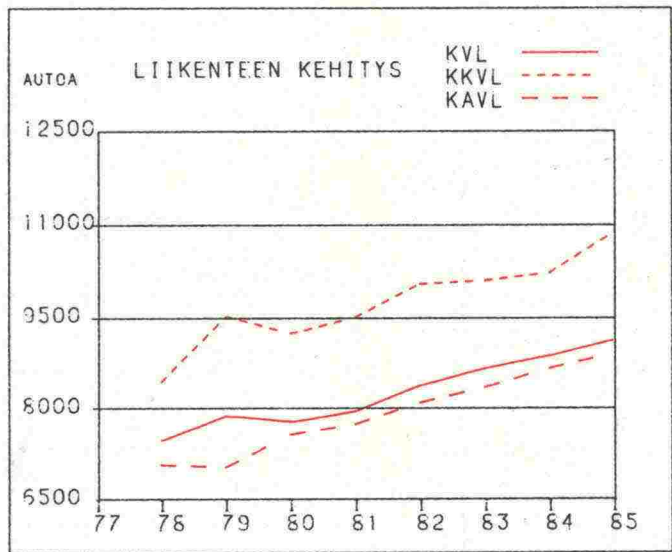
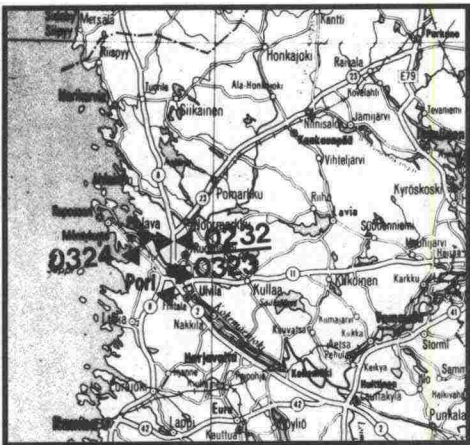
85 %

LA + KAIP

6 %

KAPP + KATP

9 %

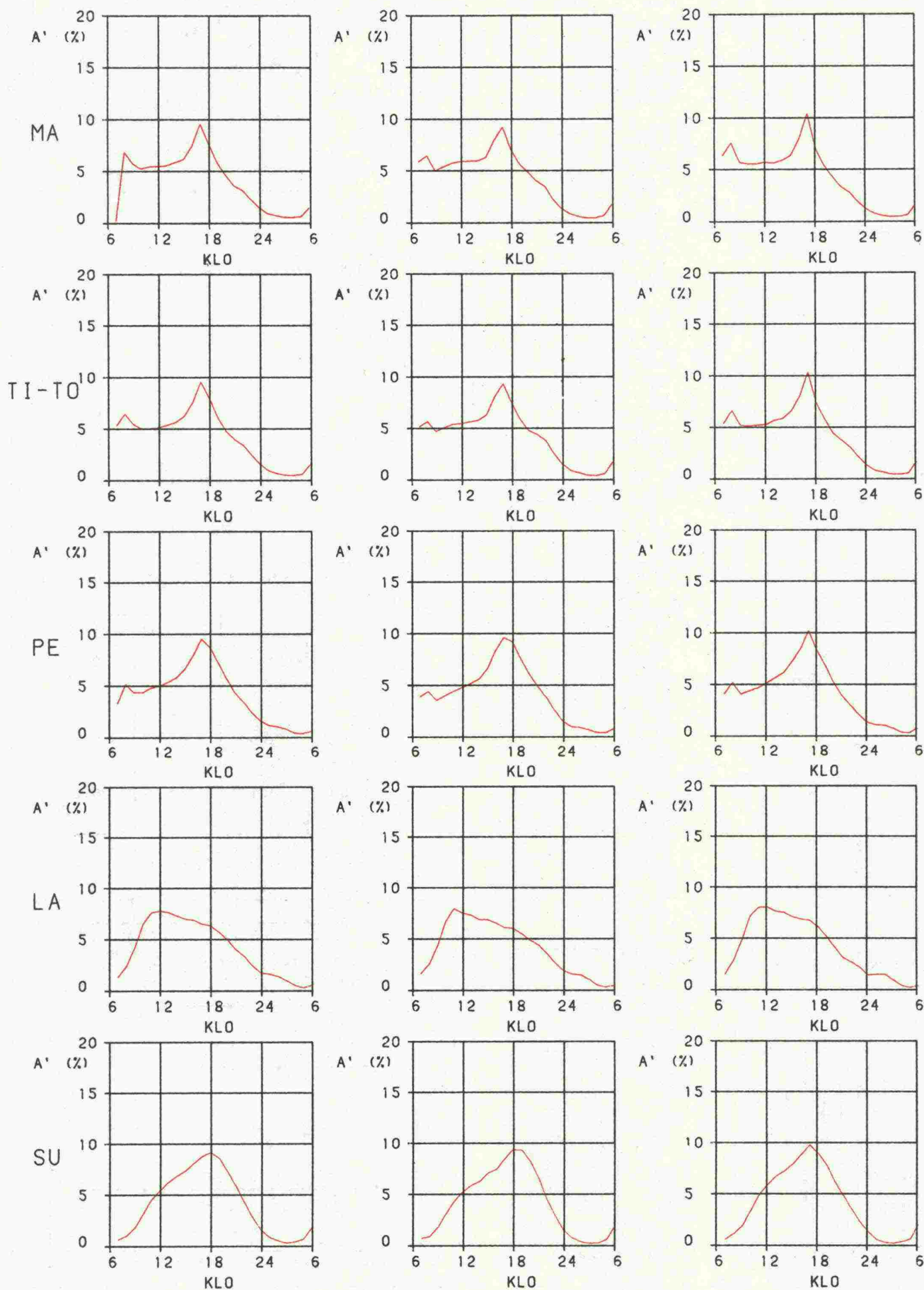


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU





KVL 12584

B' (SU/KESA) 1.06

KAVL 12523

KKVL 14938

D' 1.18

ARKILIIKENTEEN KOOSTUMUS

HA + PA

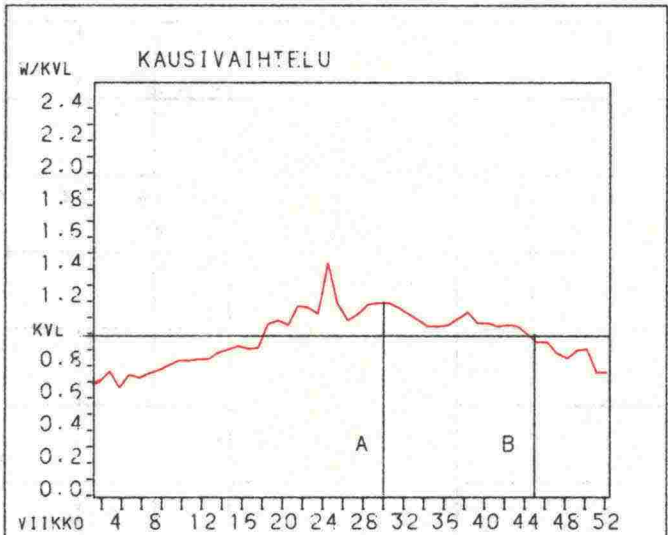
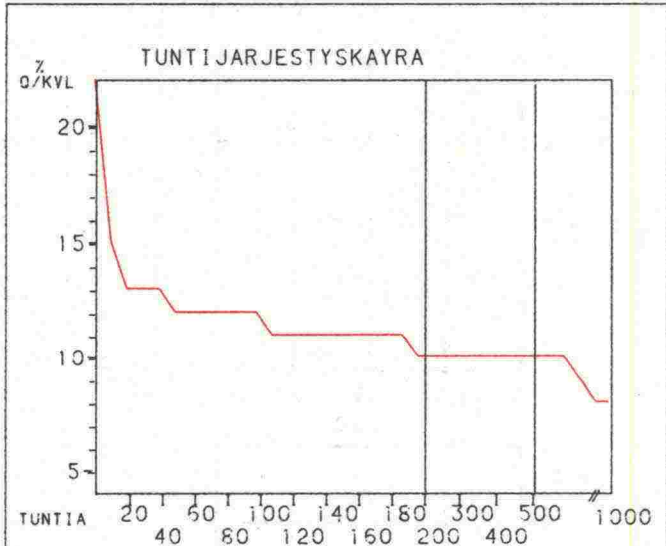
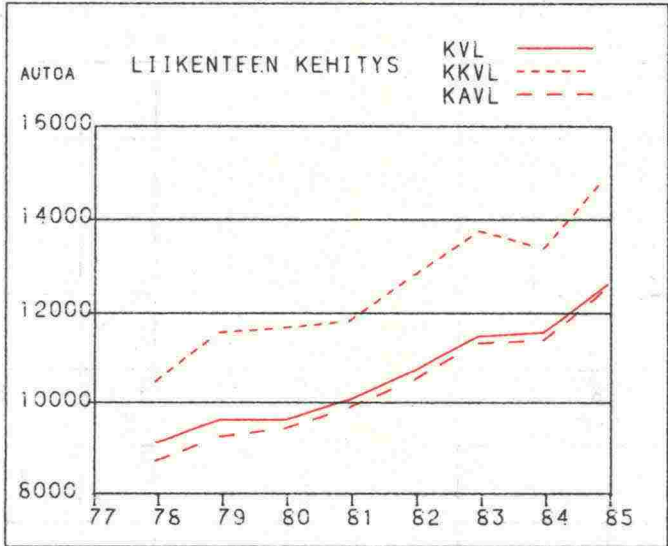
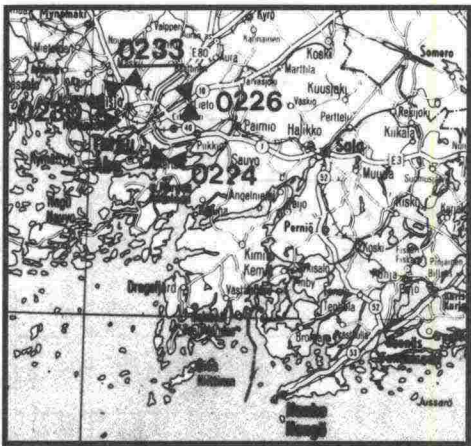
86 %

LA + KAIP

7 %

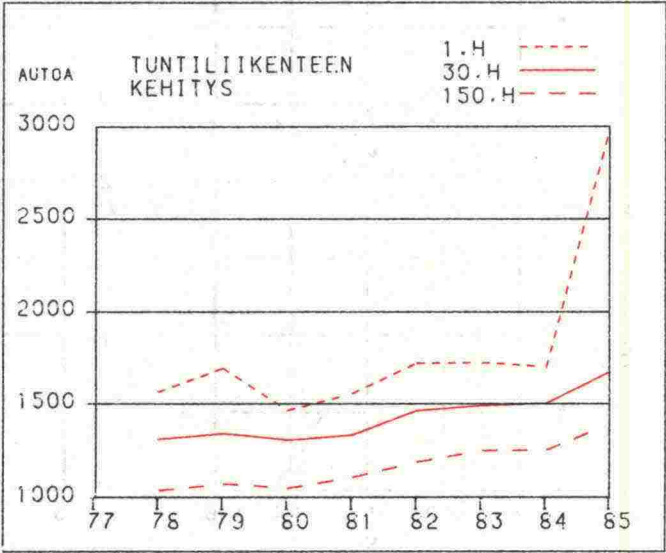
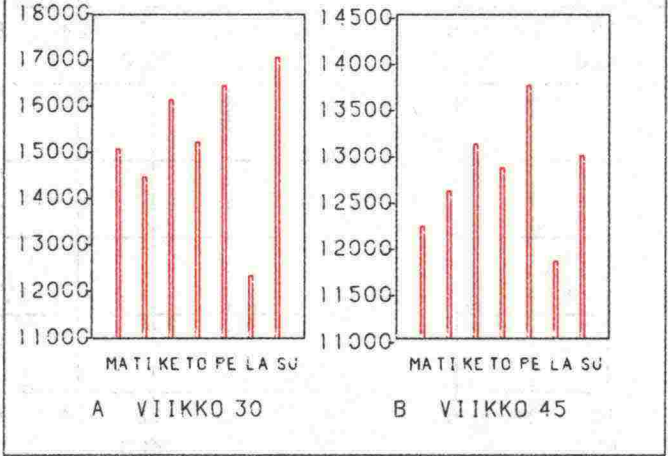
KAPP + KATP

7 %



H	O	PE-SU (*)	KERTYMA
1	2980	100	0.1
50	0	0	0.0
100	1449	89	3.6
150	1362	83	5.1
300	1245	64	9.4
1000	991	43	26.2
5000	459	41	87.6

(\*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUU PE-SU:LLE

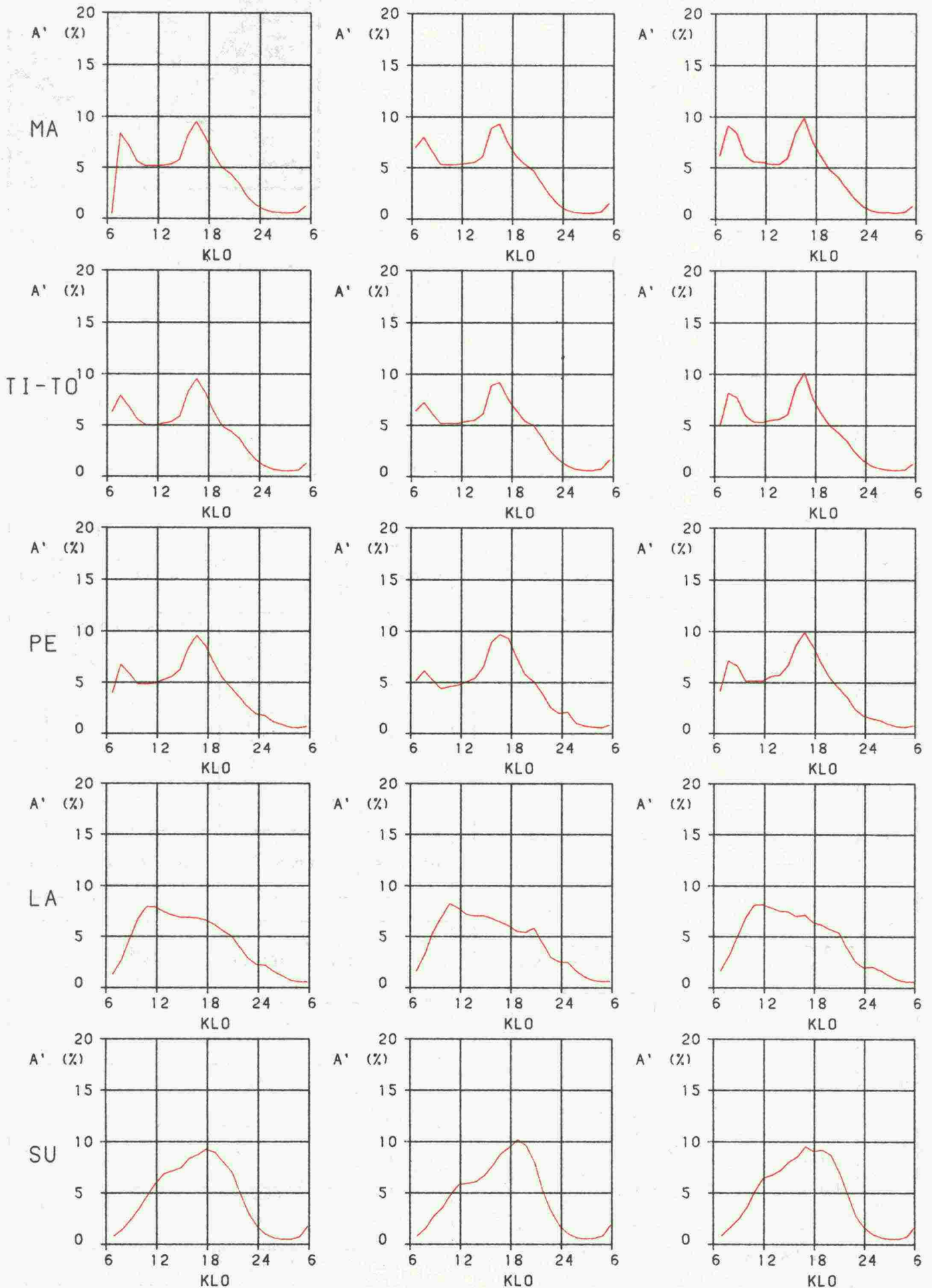


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU



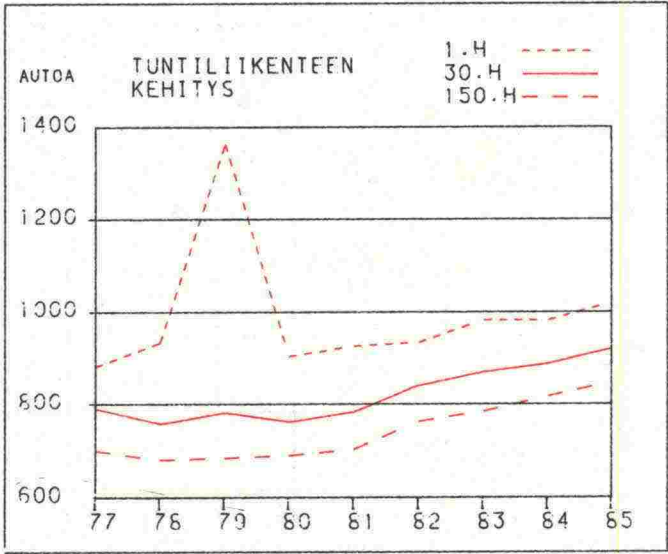
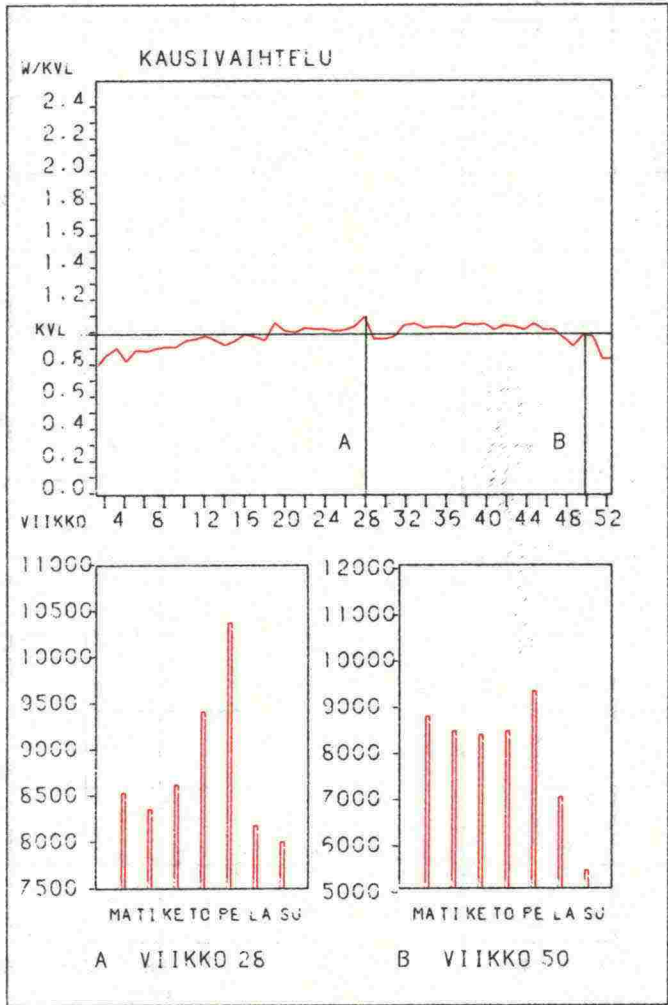
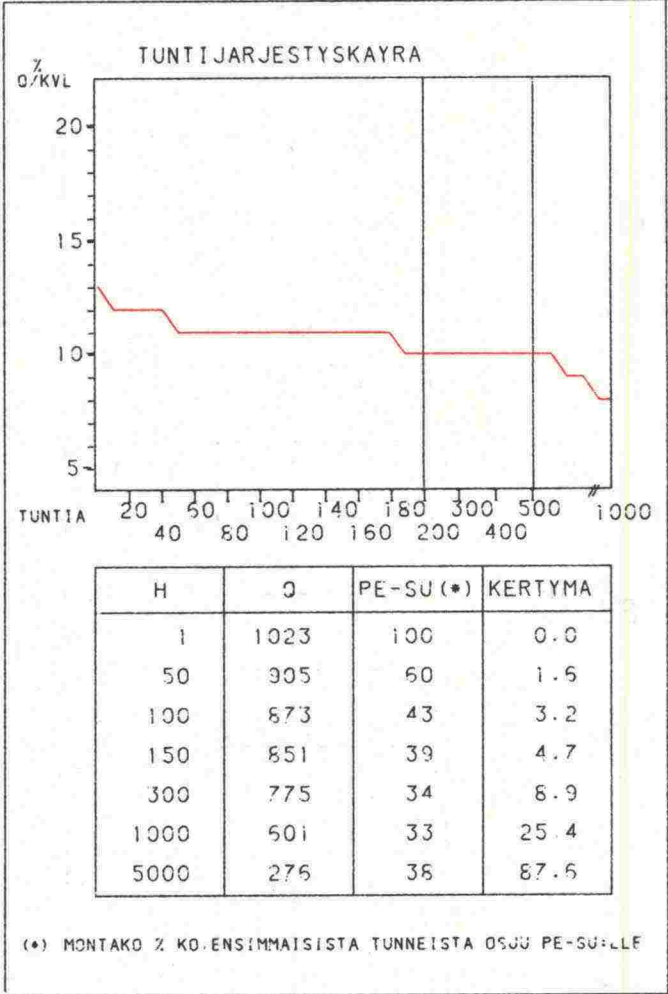
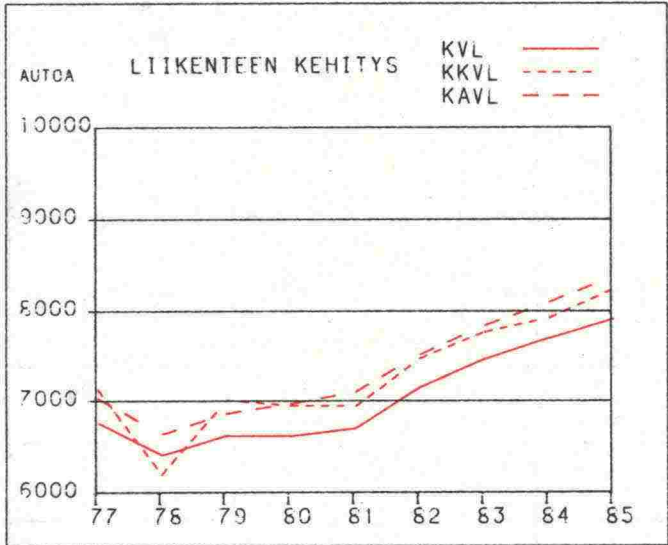
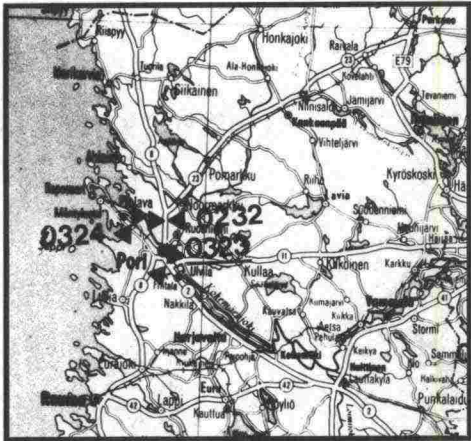


323 PORI / LENTOKENTTÄ 1985  
 VT2 TIEOSA 47 ETAISYYS 4.3 KM

KVL 7911 B' (SU/KESA) 0.81  
 KAVL 8365  
 KKVL 8231 D' 1.04

ARKILIIKENTEEN KOOSTUMUS

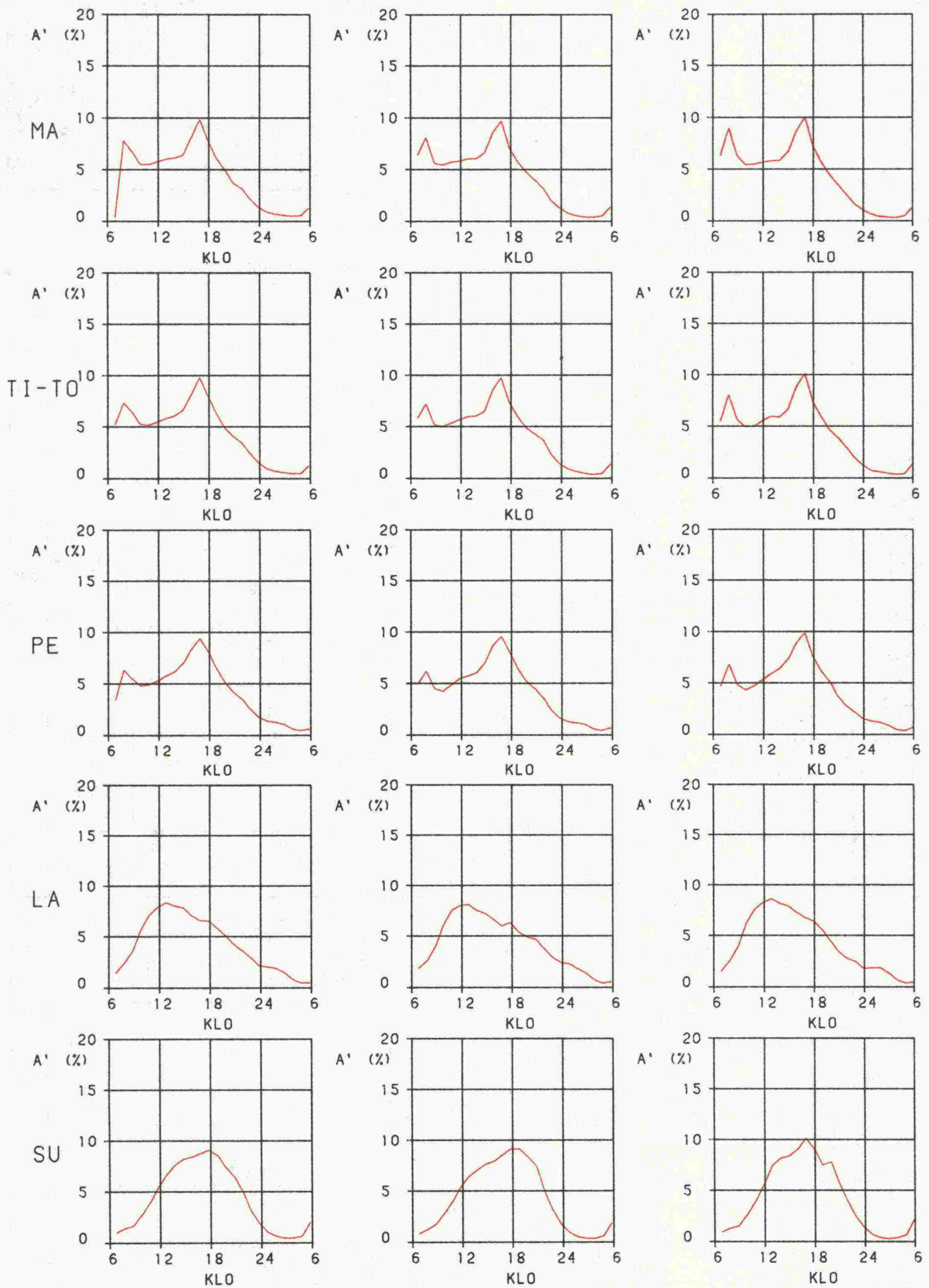
HA + PA 89 %  
 LA + KAIP 5 %  
 KAPP + KATP 6 %



HELMIKUU

HEINAKUU

LOKAKUU





KVL 9270

B' (SU/KESA) 0.85

KAVL 9736

KKVL 10769

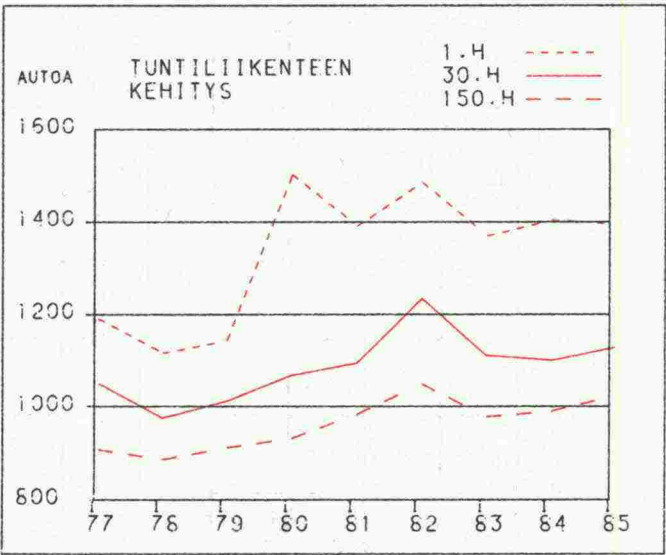
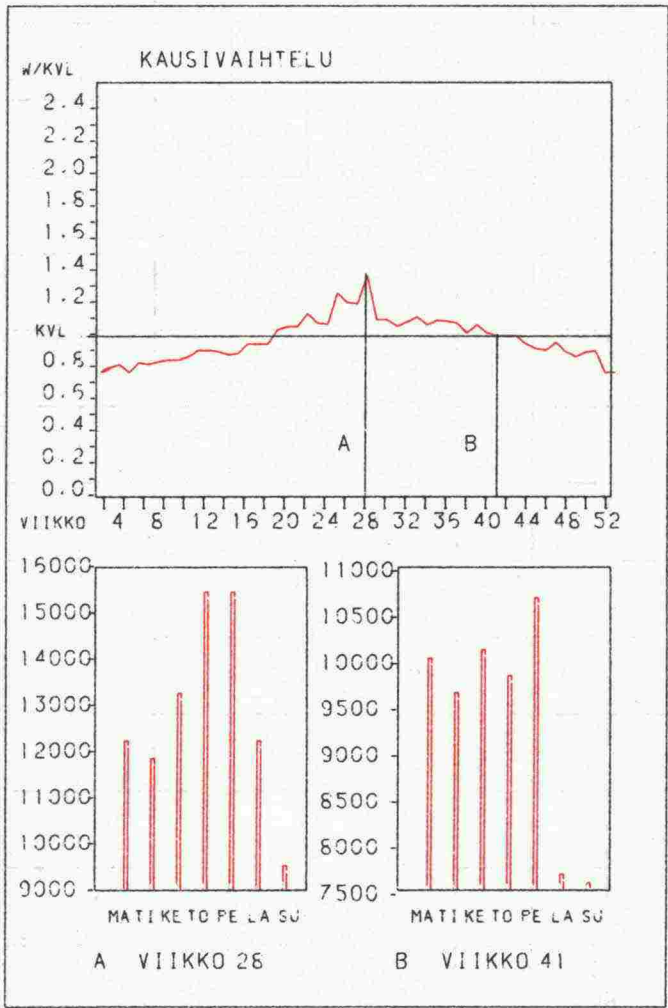
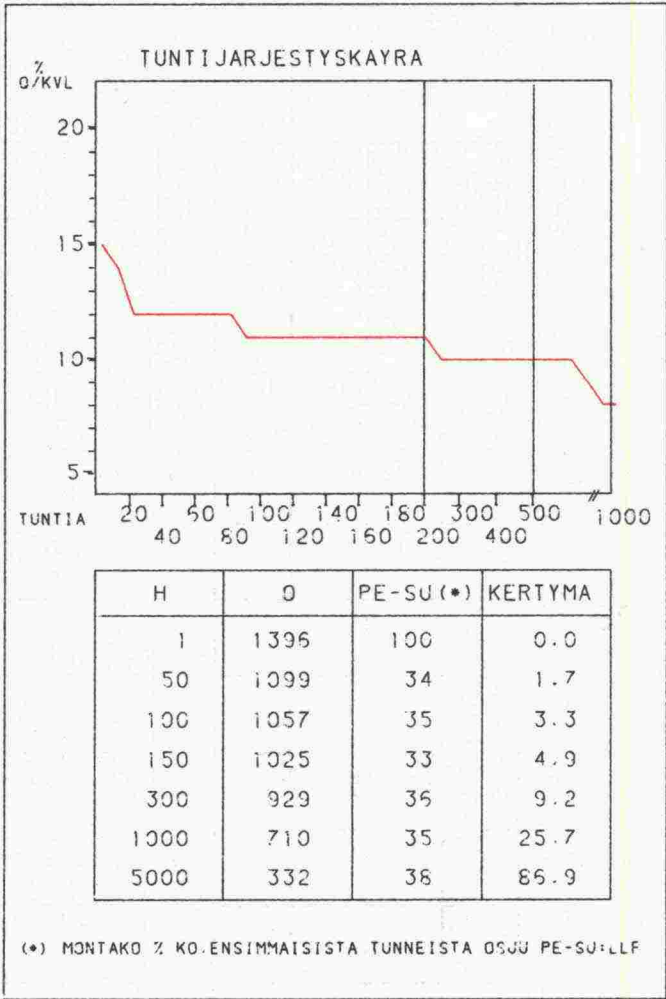
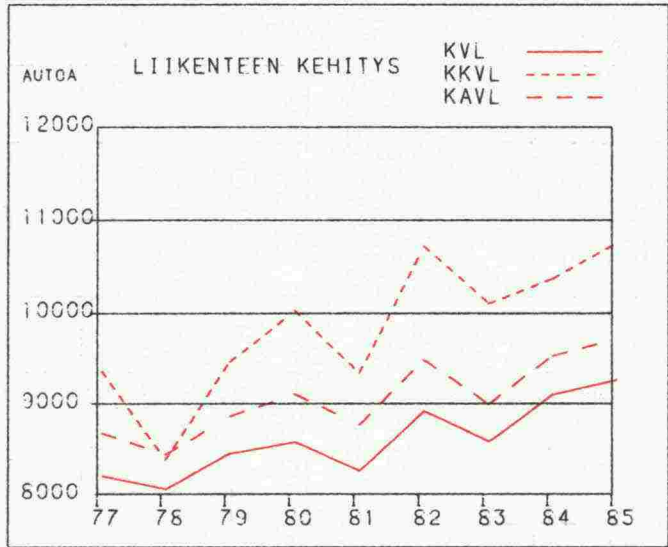
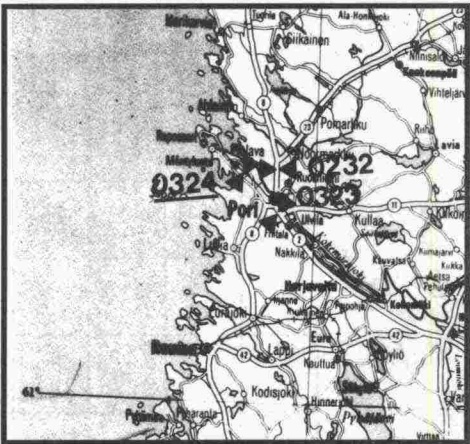
D' 1.16

ARKILIIKENTEEN KOOSTUMUS

HA + PA 89 %

LA + KAIP 5 %

KAPP + KATP 6 %

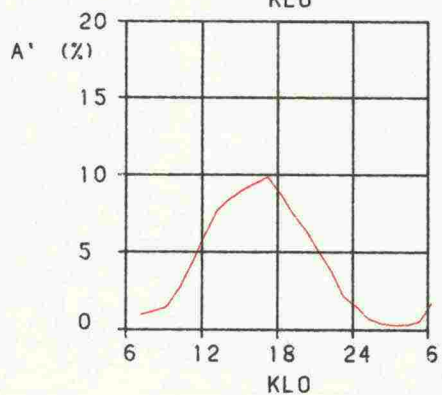
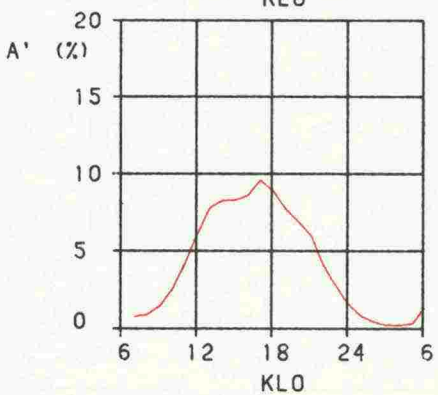
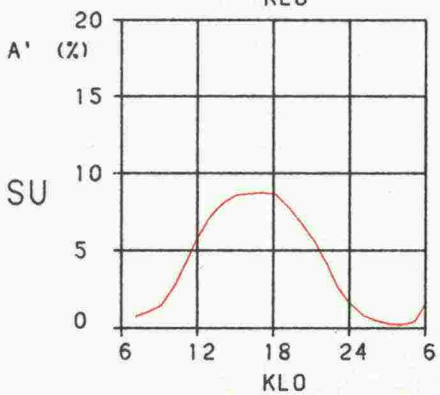
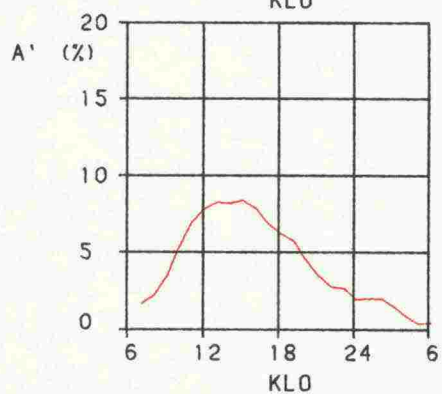
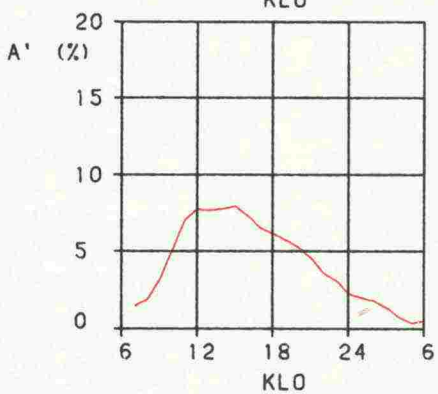
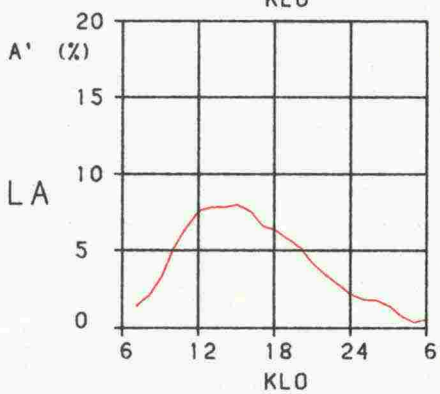
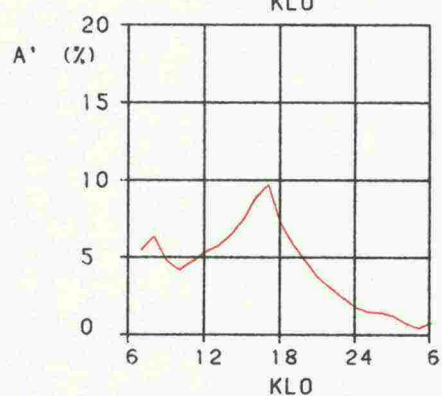
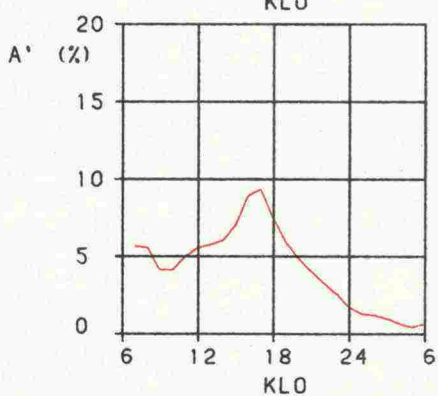
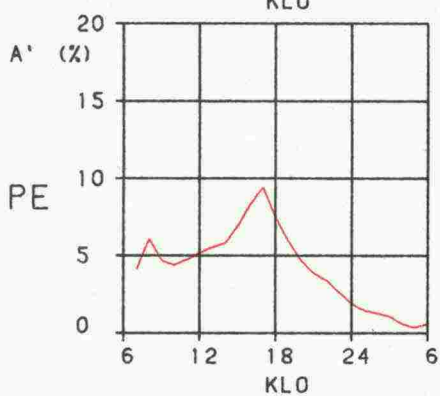
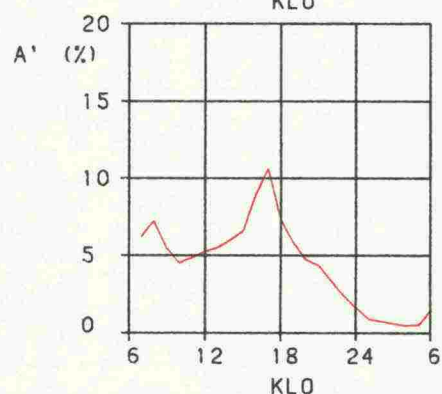
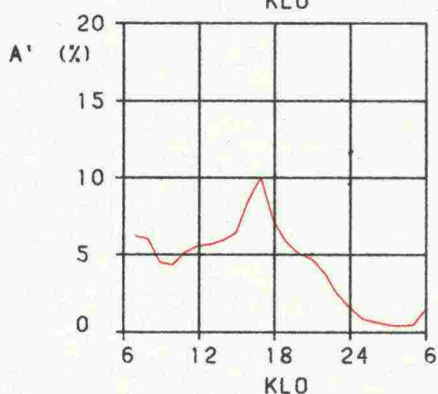
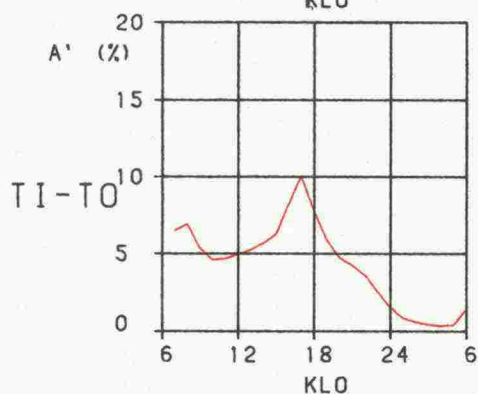
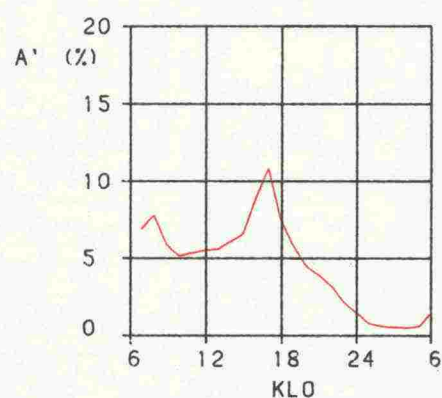
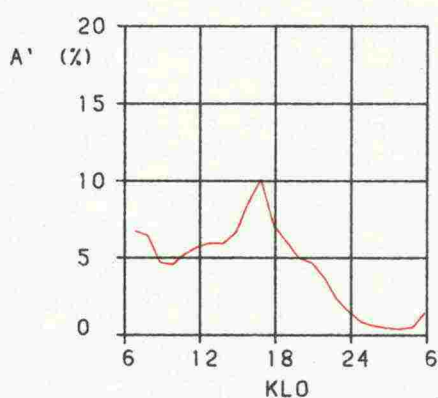
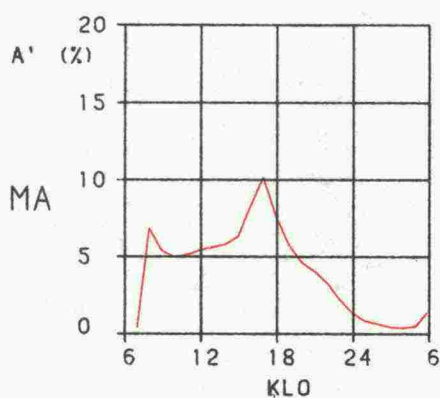


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU





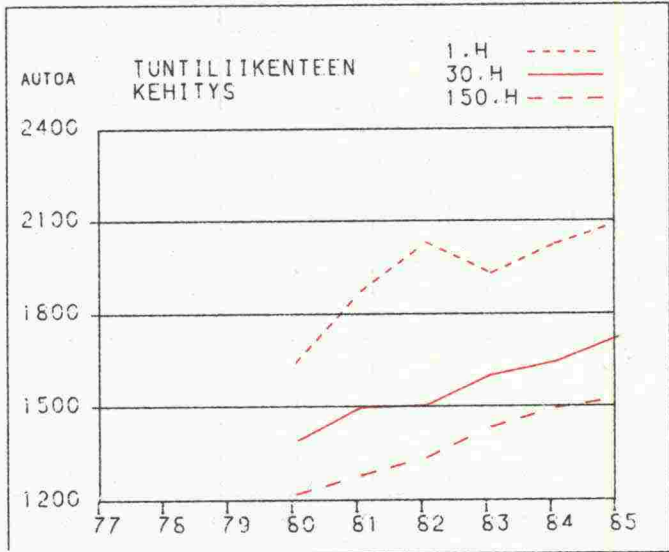
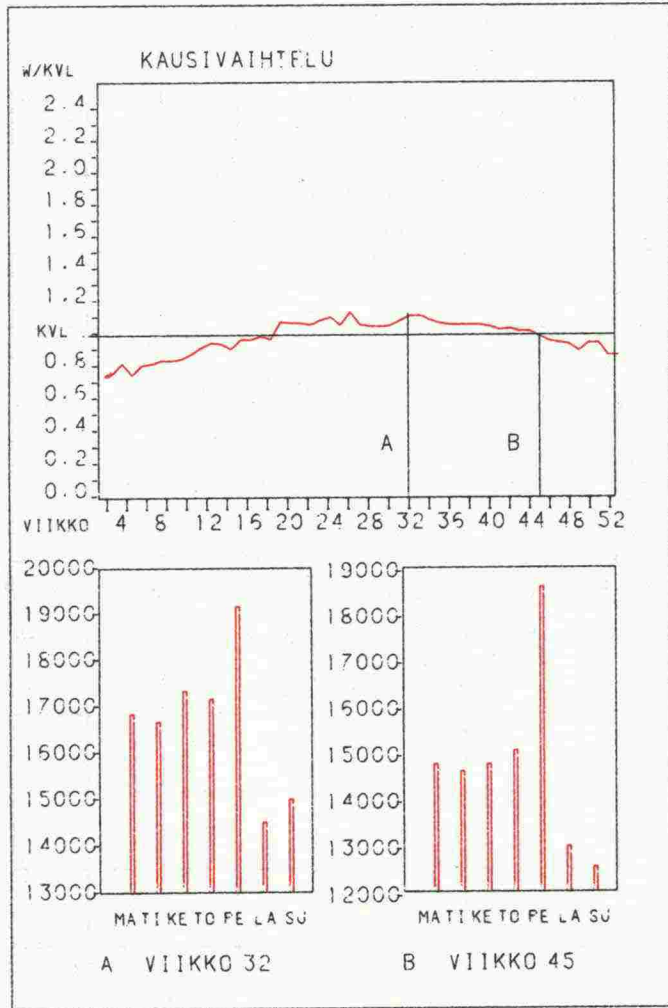
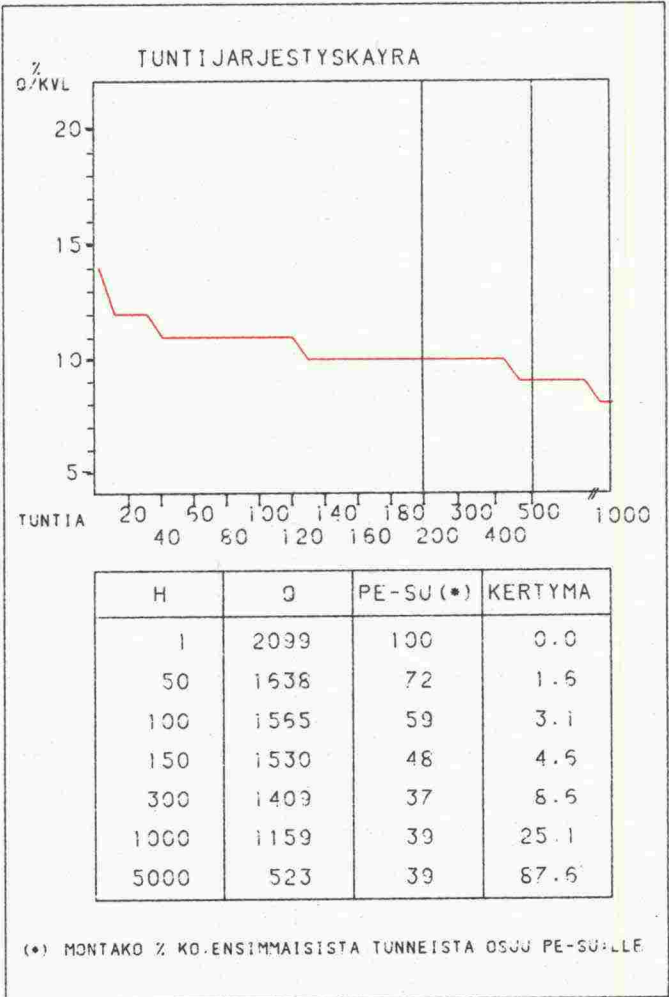
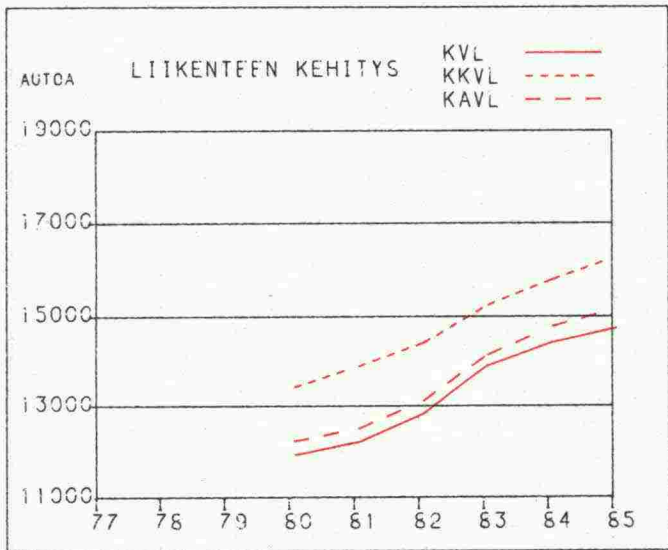
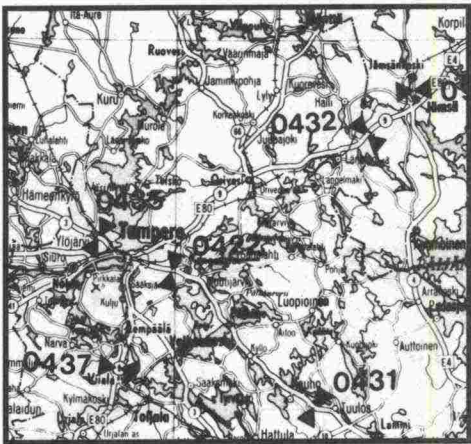
KVL 14744
KAVL 15158
KKVL 16279

B' (SU/KESA) 0.87
D' 1.10

ARKILIIKENTEEEN KOOSTUMUS

HA + PA
LA + KAIP
KAPP + KATP

87 %
9 %
4 %

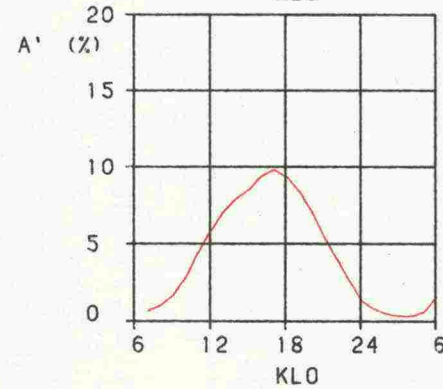
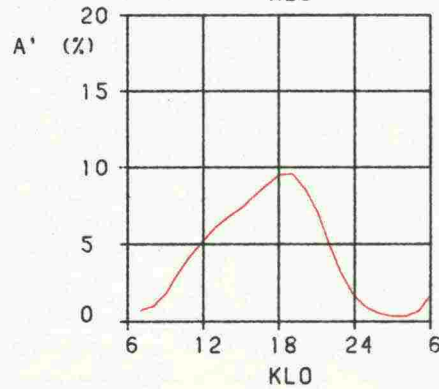
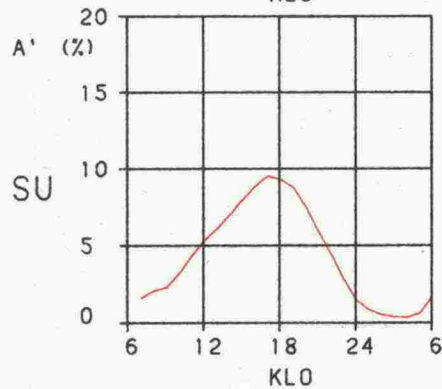
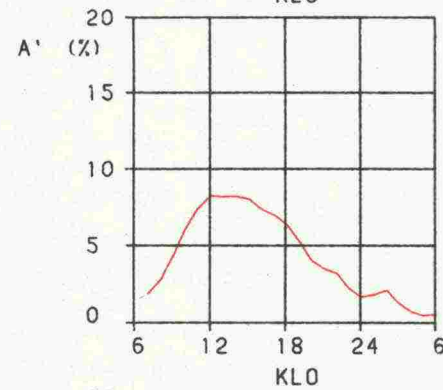
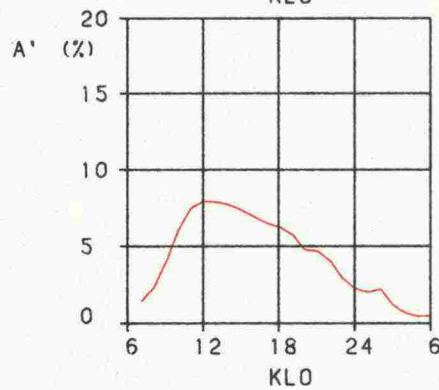
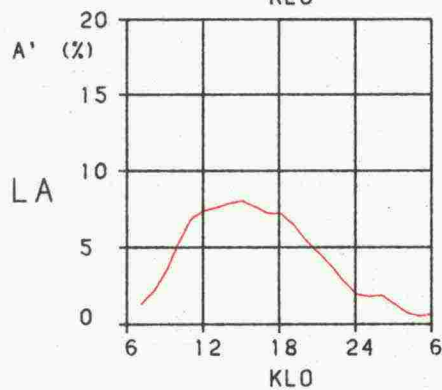
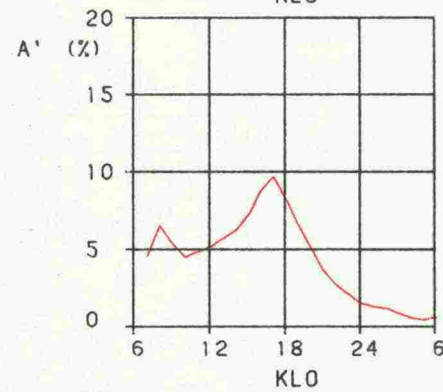
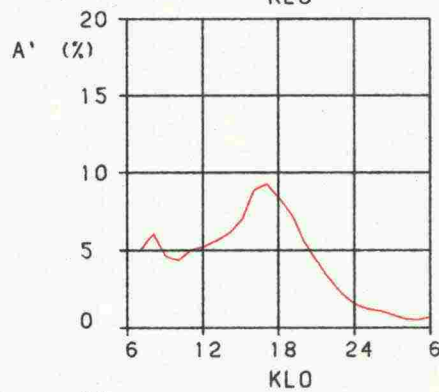
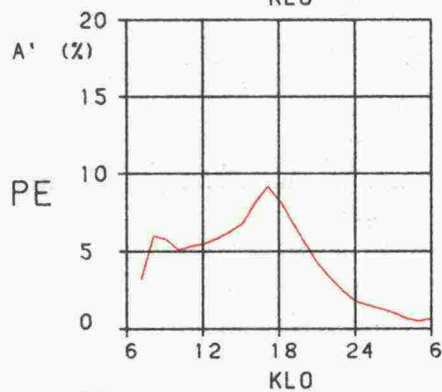
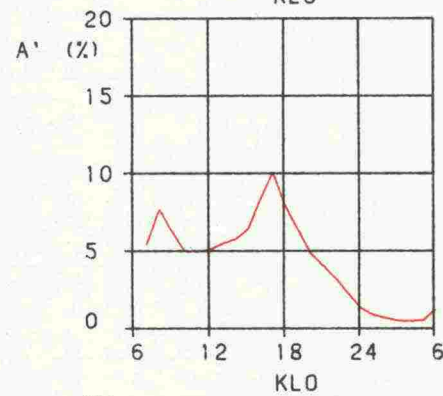
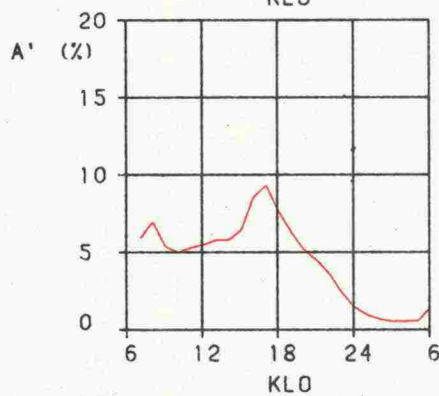
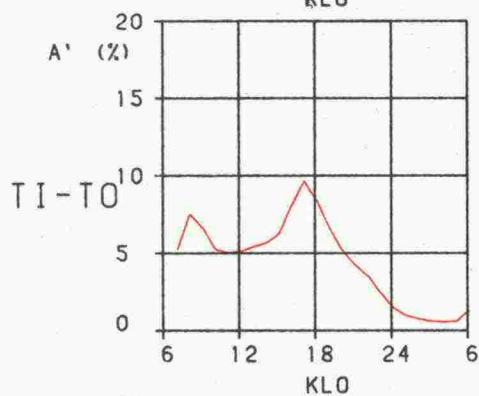
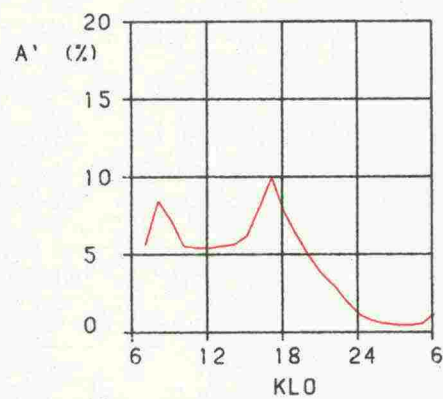
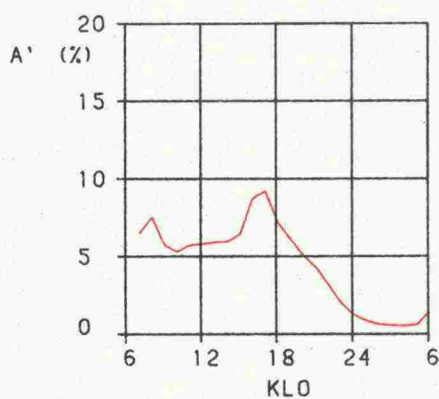
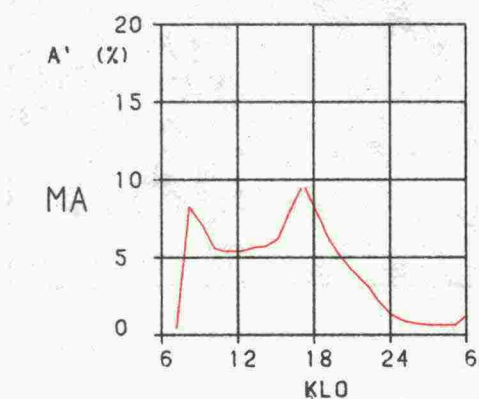


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU





KVL 7058

B' (SU/KESA) 1.14

KAVL 6607

D' 1.22

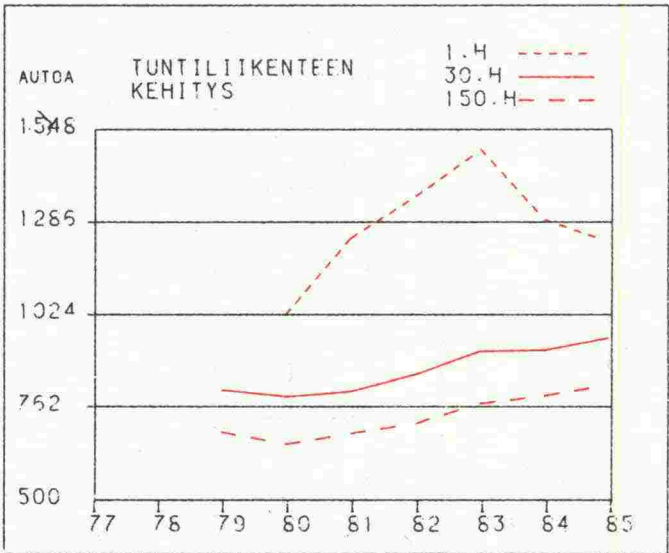
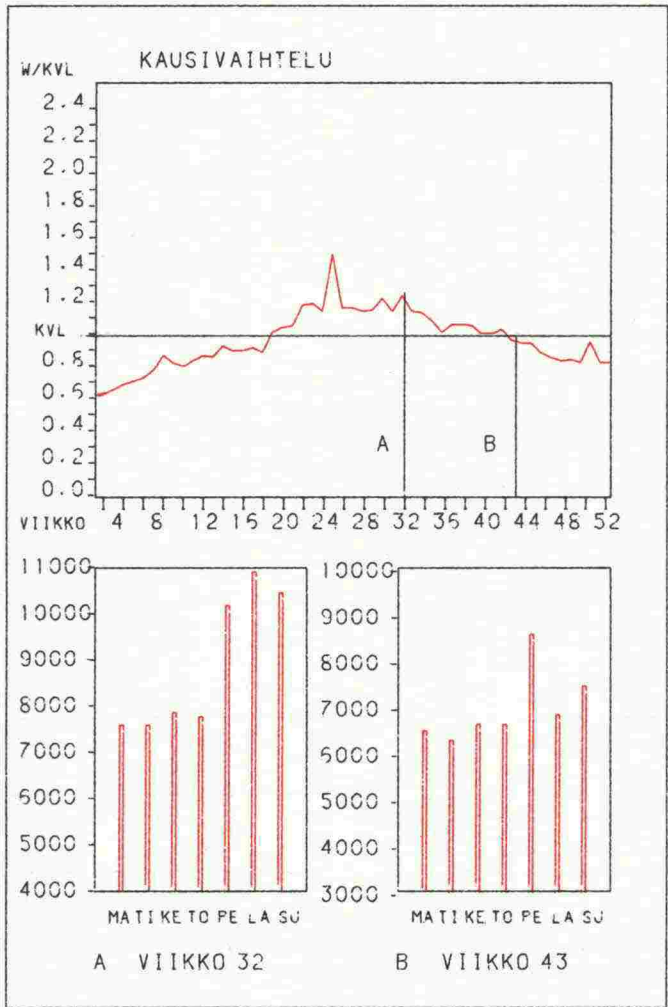
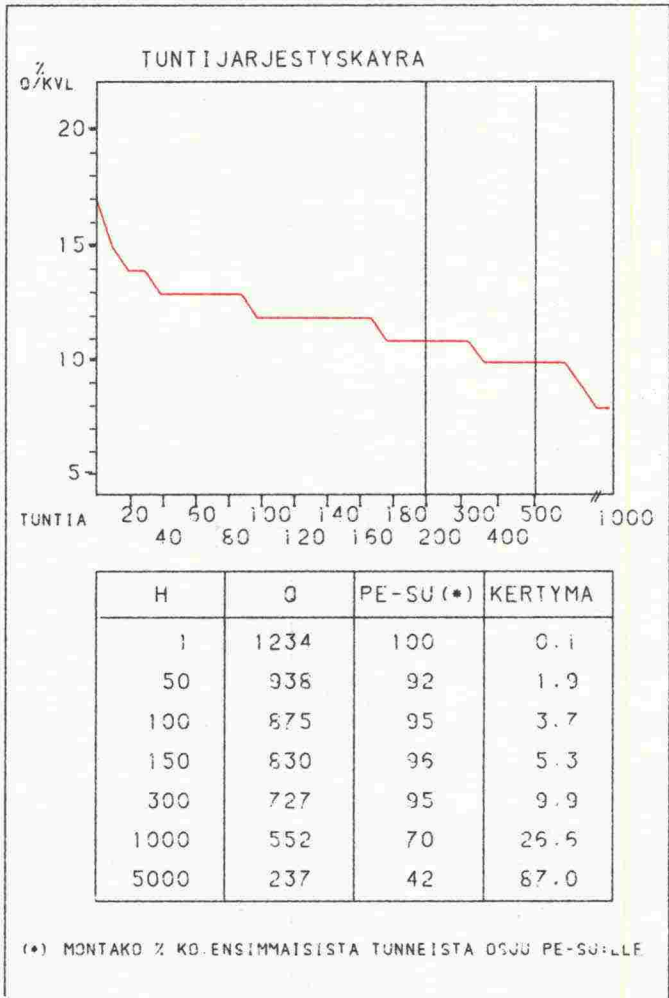
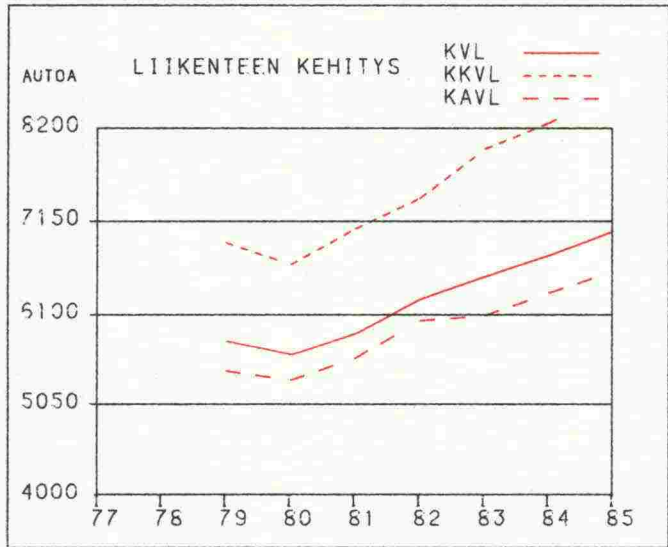
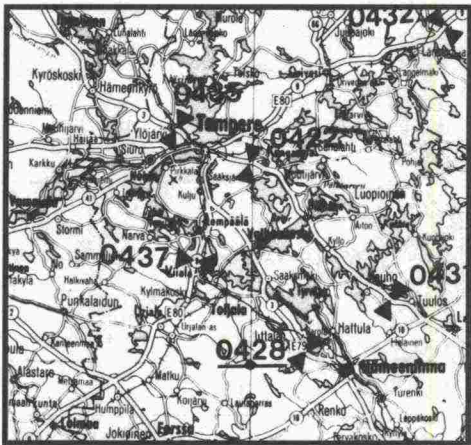
KKVL 8637

ARKILIIKENTEEN KOOSTUMUS

HA + PA 83%

LA + KAIP 7%

KAPP + KATP 10%

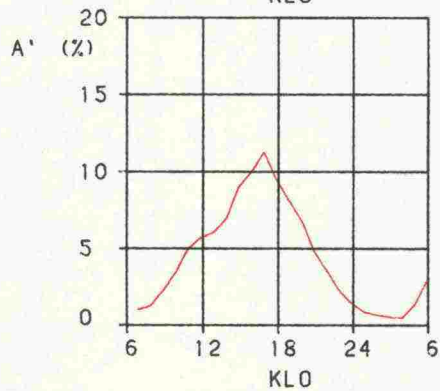
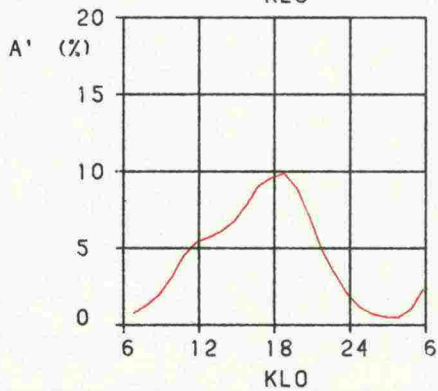
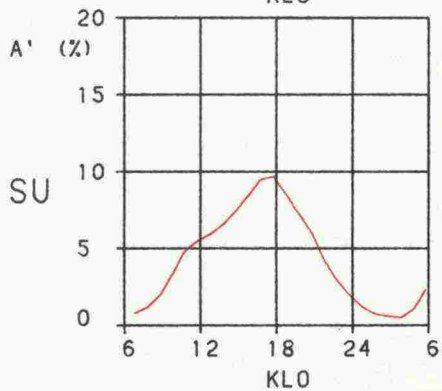
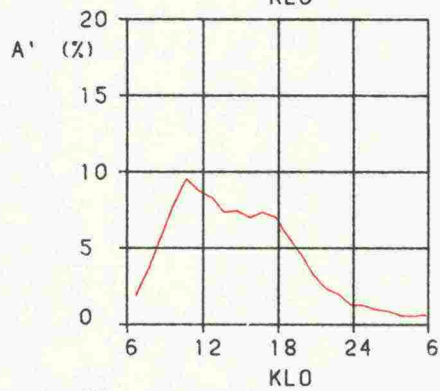
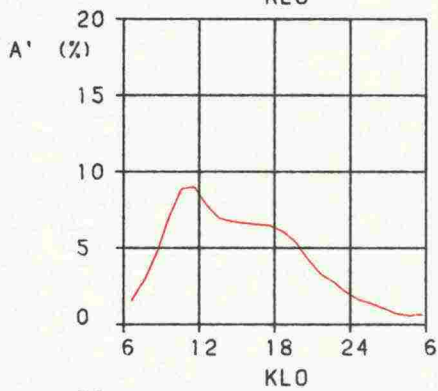
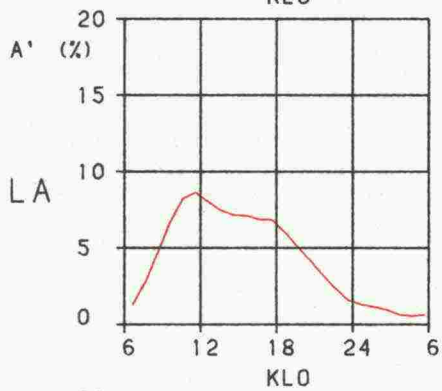
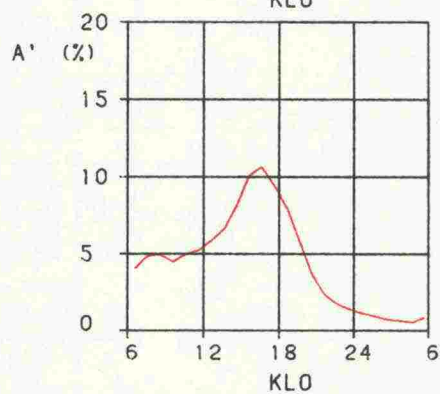
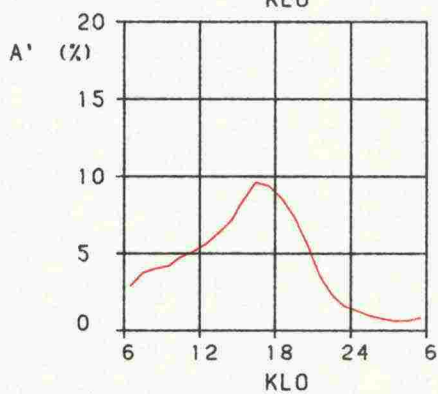
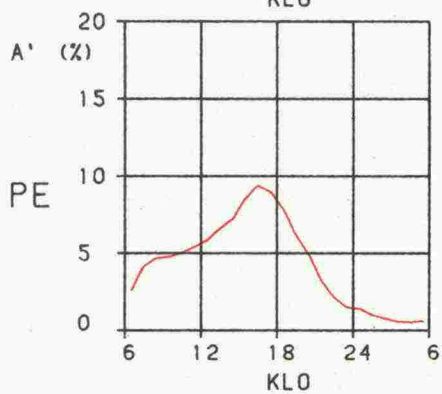
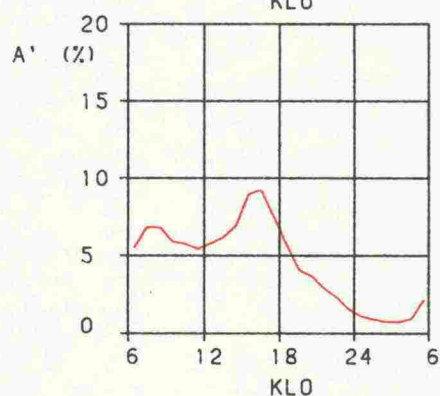
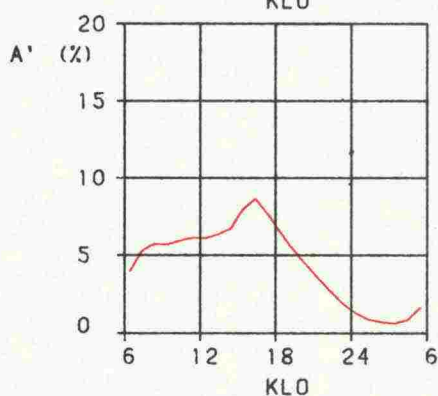
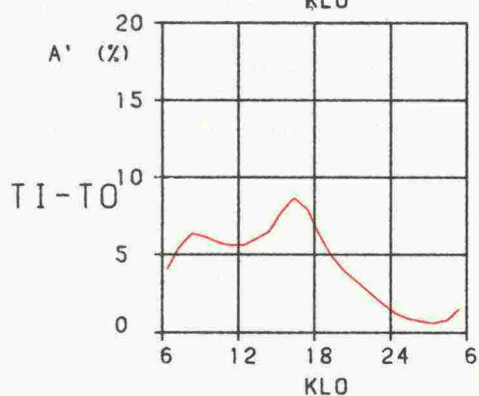
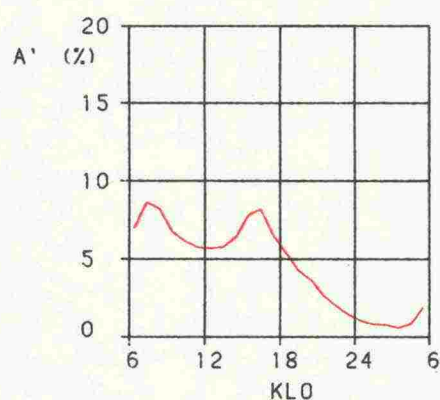
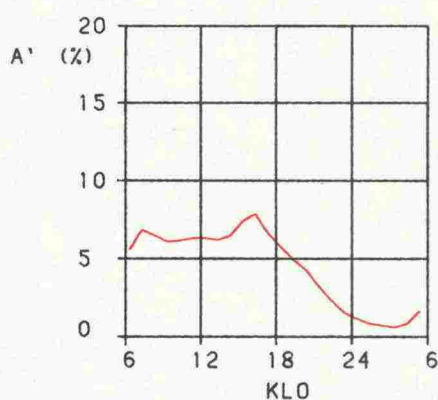
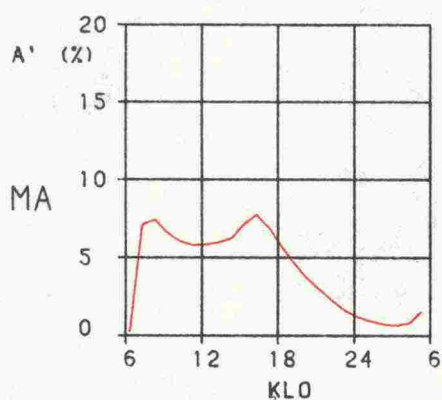


## TUNTI VAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU



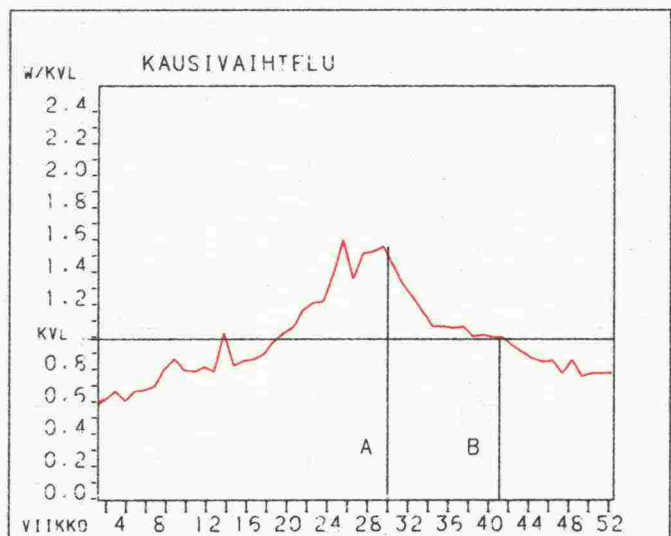
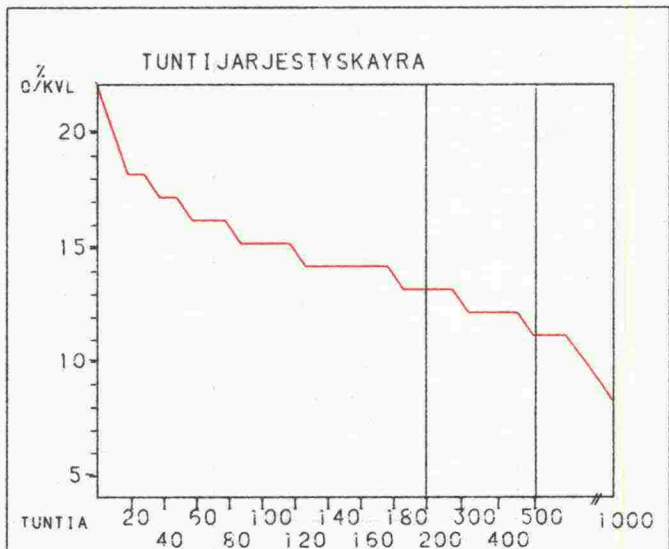
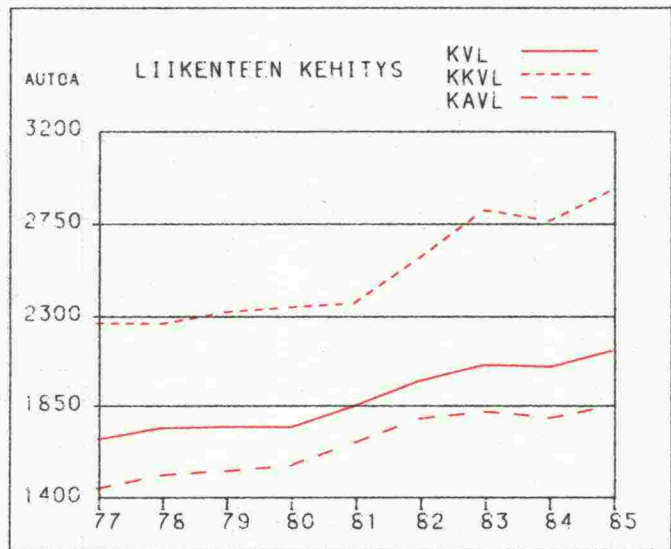
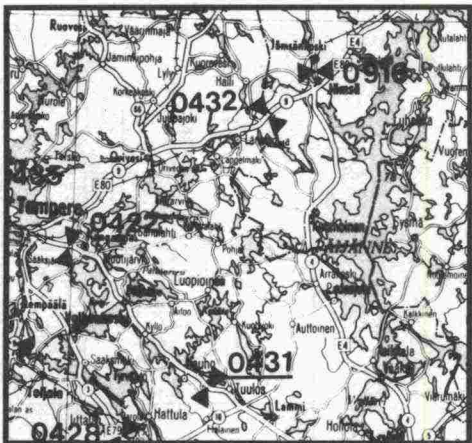


44  
 431 HAUHO 1985  
 VT12 TIEOSA 13 ETAISYYS 1.4 KM

KVL 2112 B' (SU/KESA) 1.32  
 KAVL 1842  
 KKVL 2901 D' 1.37

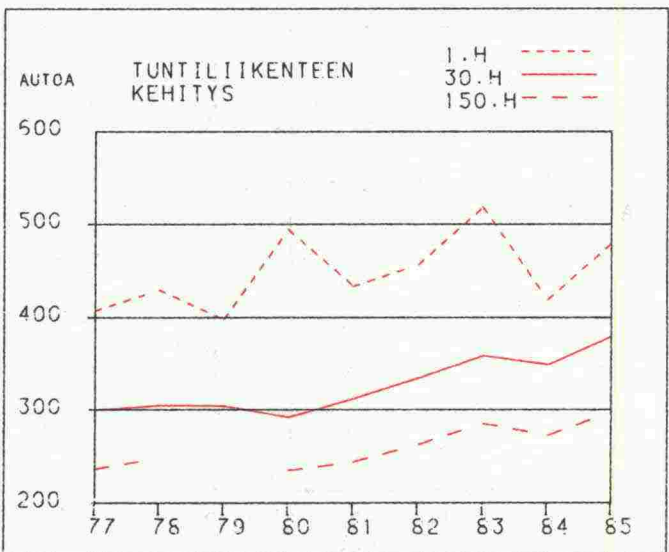
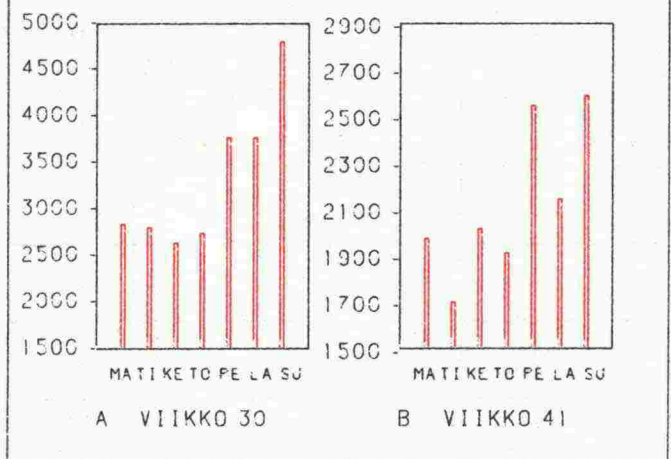
### ARKILIIKENTEEN KOOSTUMUS

HA + PA 78%  
 LA + KAIP 9 %  
 KAPP + KATP 13%



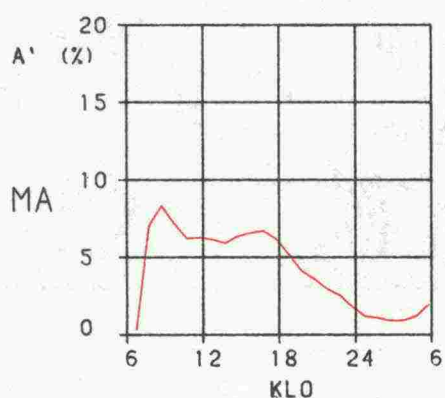
H	Q	PE-SU (*)	KERTYMA
1	476	100	0.1
50	352	100	0.1
100	316	95	4.7
150	295	97	6.7
300	249	95	11.9
1000	172	75	30.2
5000	63	44	87.1

(\*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUJ PE-SU:LE

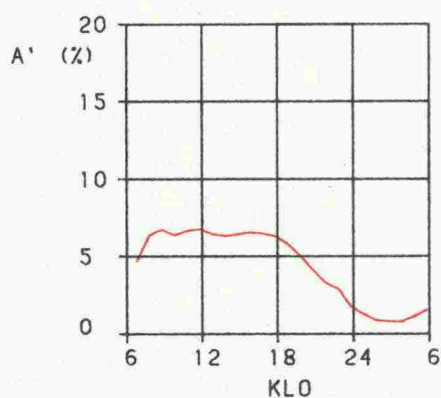


## TUNTIVAIHTELUT

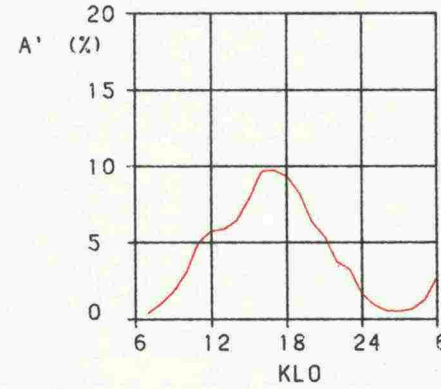
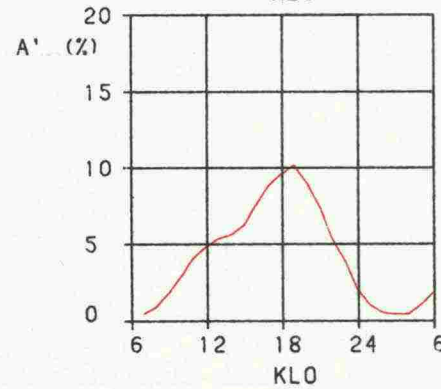
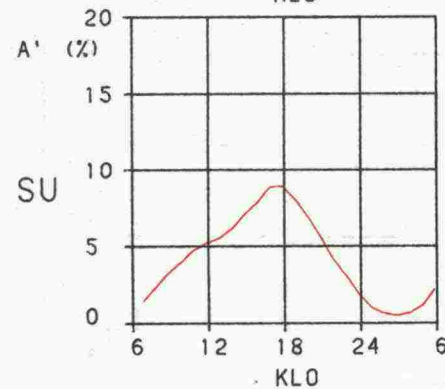
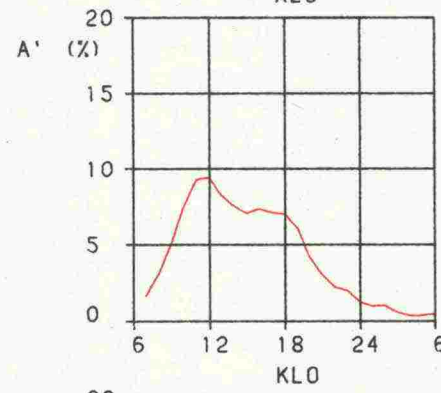
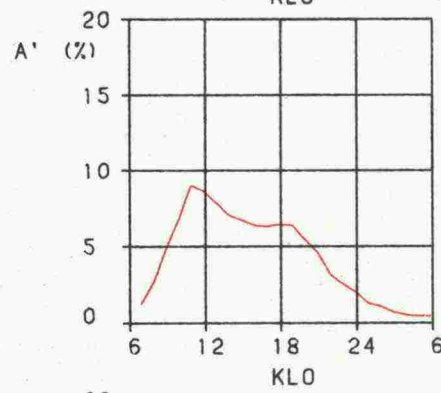
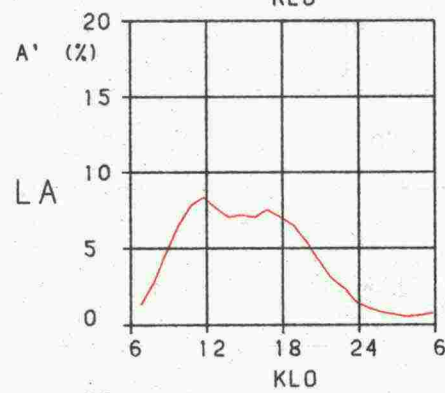
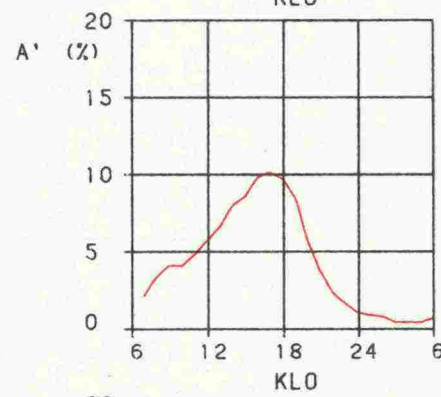
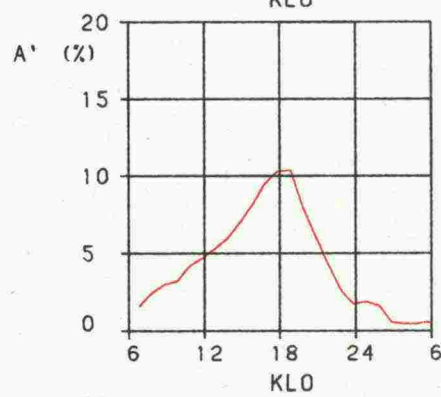
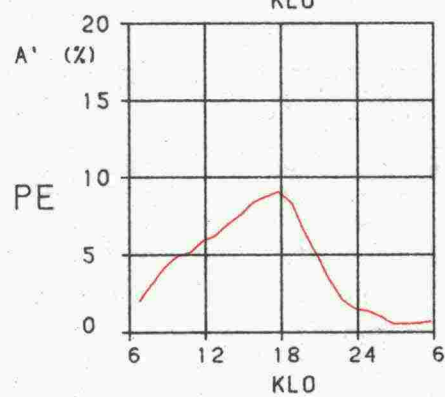
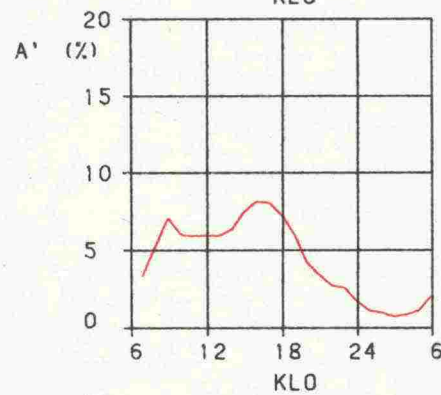
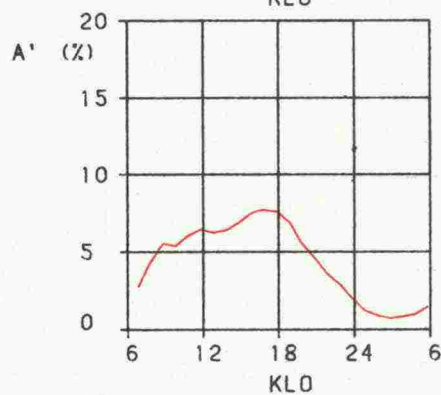
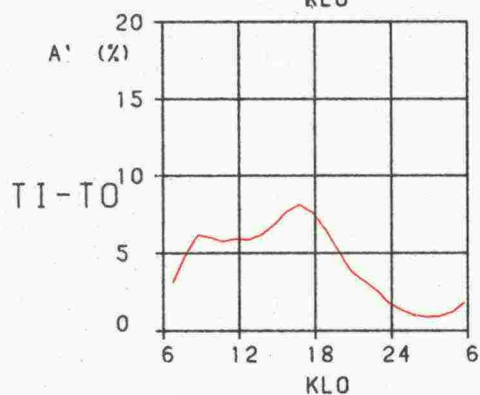
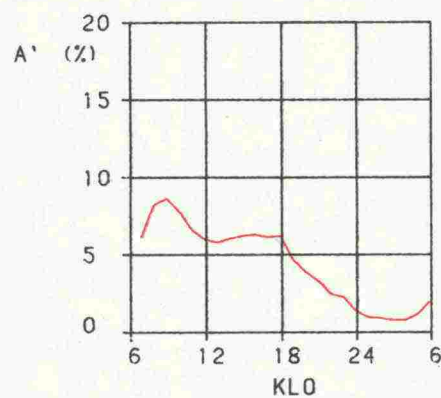
HELMIKUU



HEINAKUU



LOKAKUU





432 ORIVESI

1985

VT9

TIEOSA 217 ETAISYYS 4.0KM

KVL 2681

B' (SU/KESA) 1.26

KAVL 2345

D' 1.46

KKVL 3919

# ARKILIIKENTEN KOOSTUMUS

HA + PA

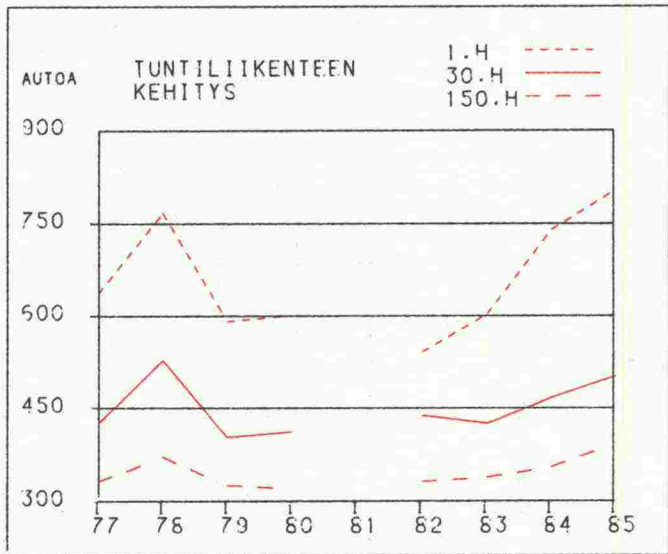
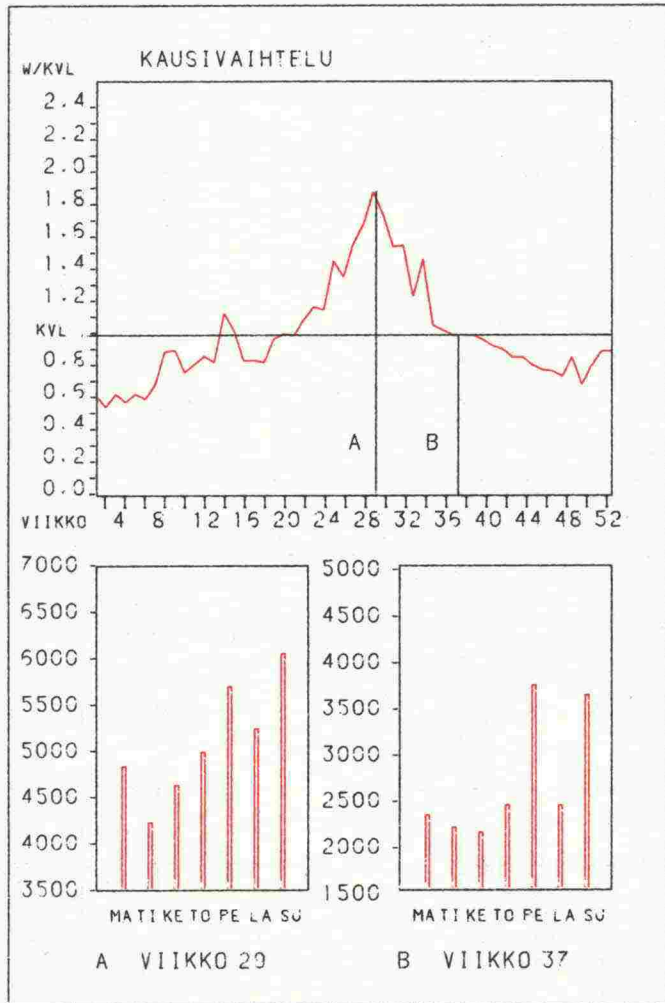
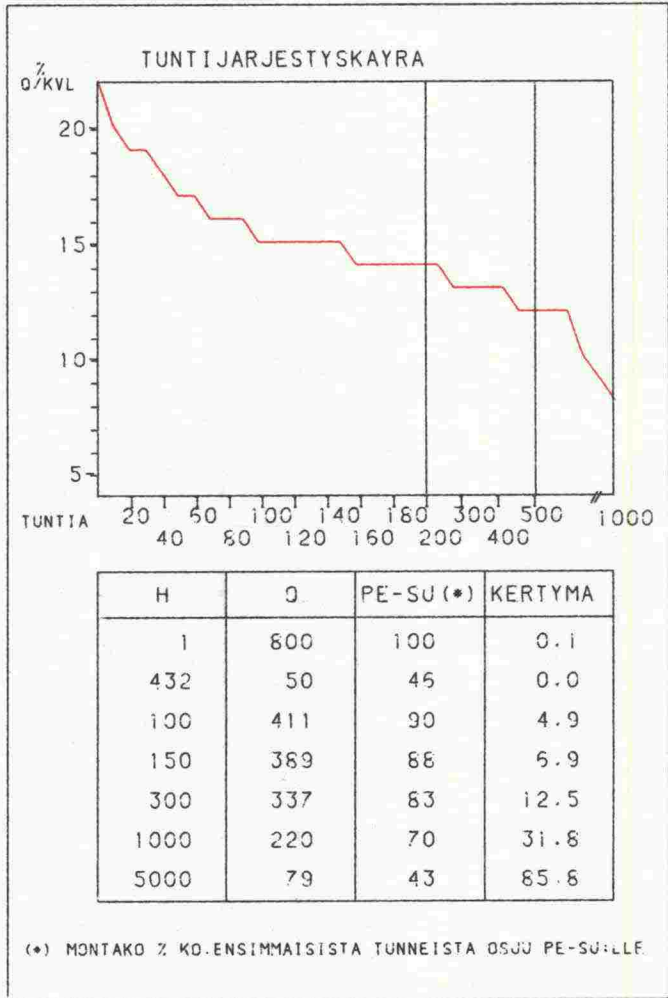
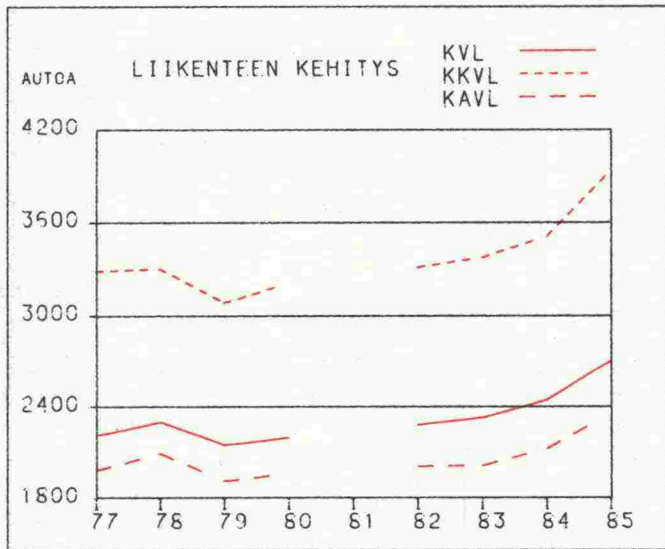
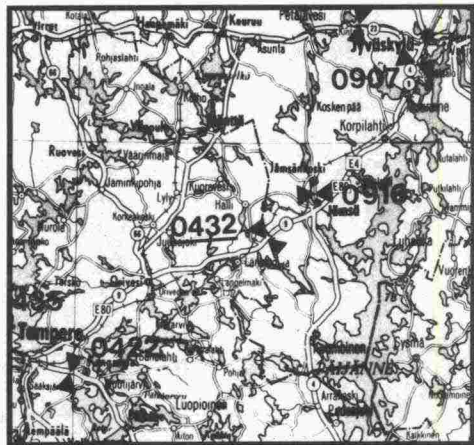
81 %

LA + KAIP

6 %

KAPP + KATP

13 %

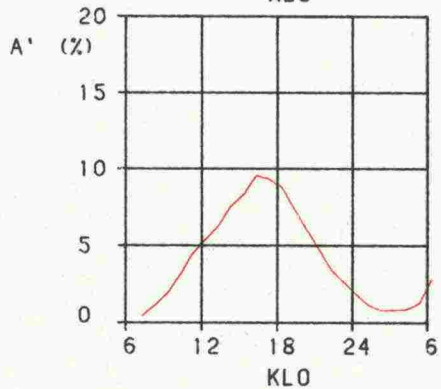
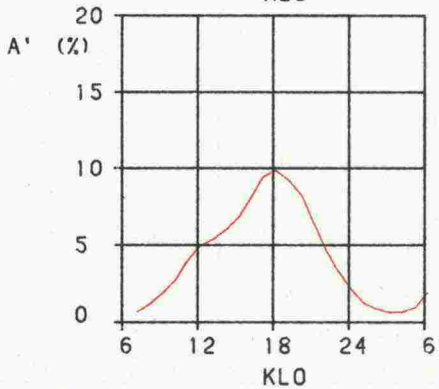
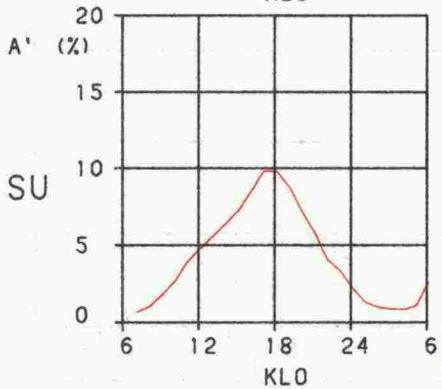
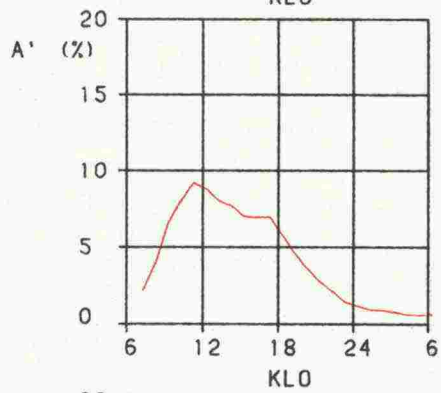
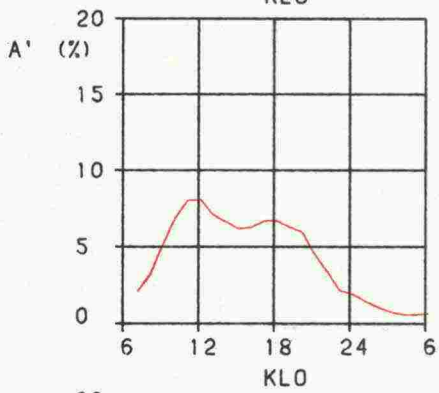
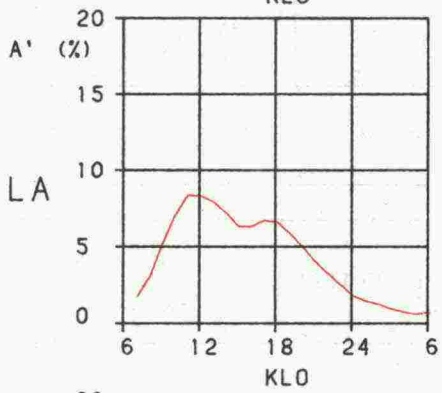
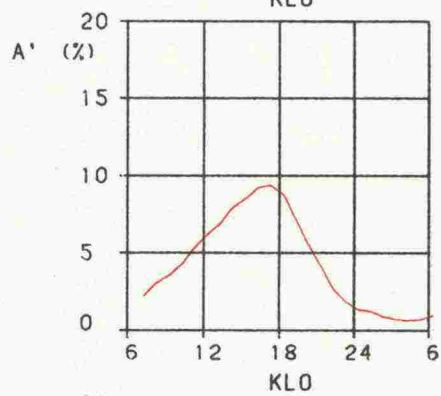
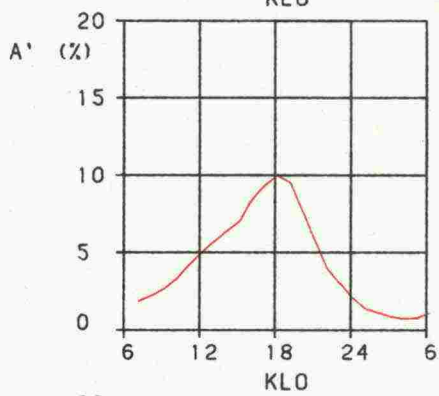
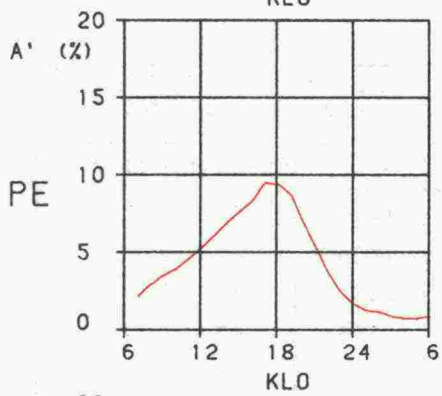
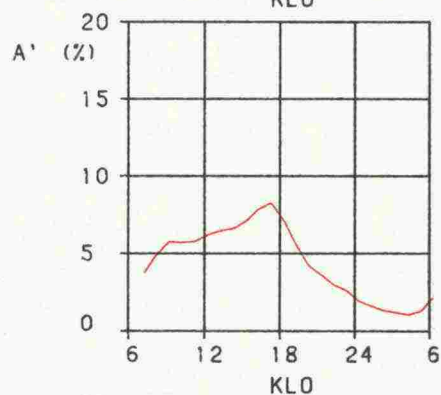
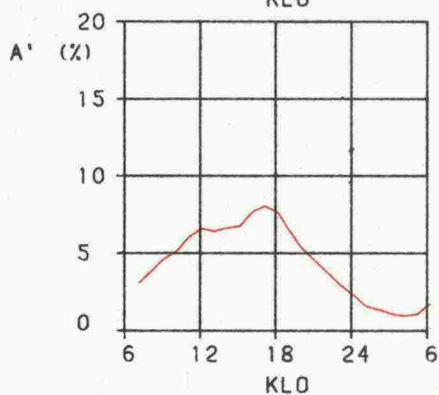
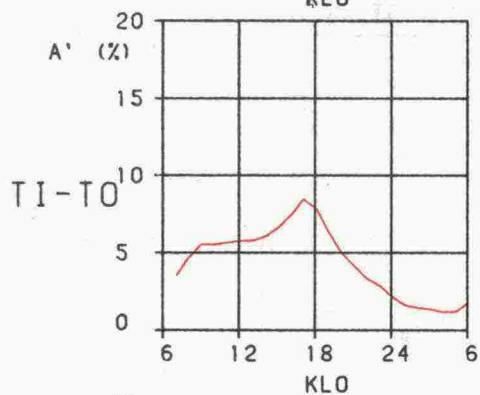
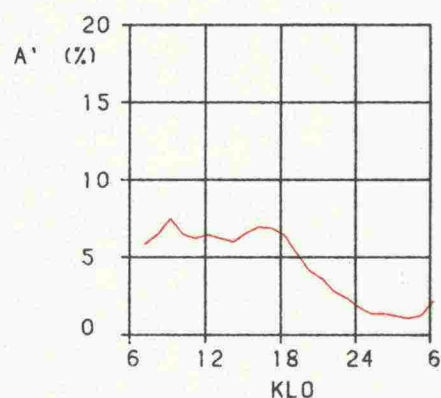
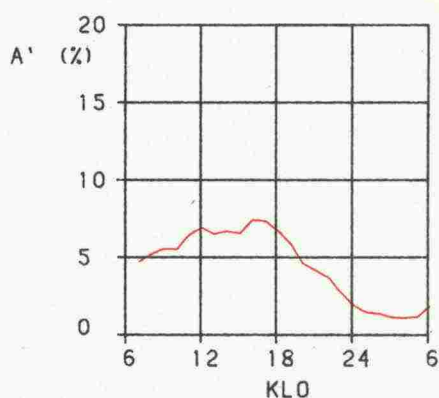
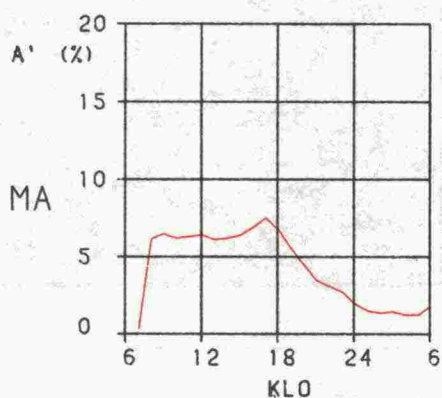


## TUNTI VAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU





KVL 12709

B' (SU/KESA) 0.90

KAVL 12945

KKVL 15512

D' 1.22

ARKILIIKENTEEEN KOOSTUMUS

HA + PA

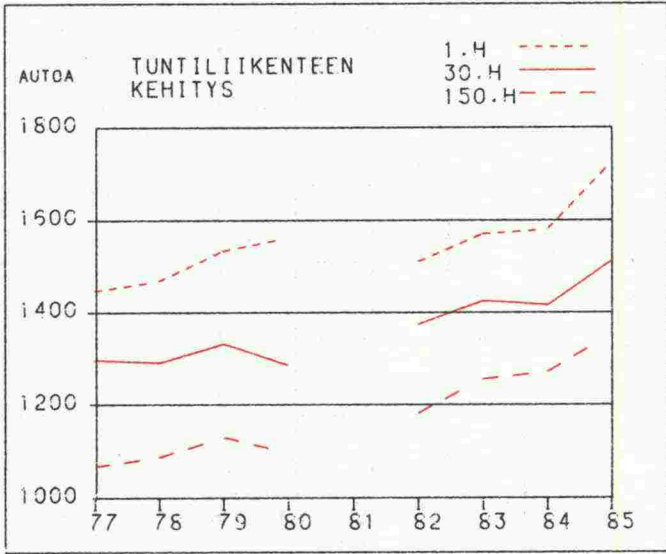
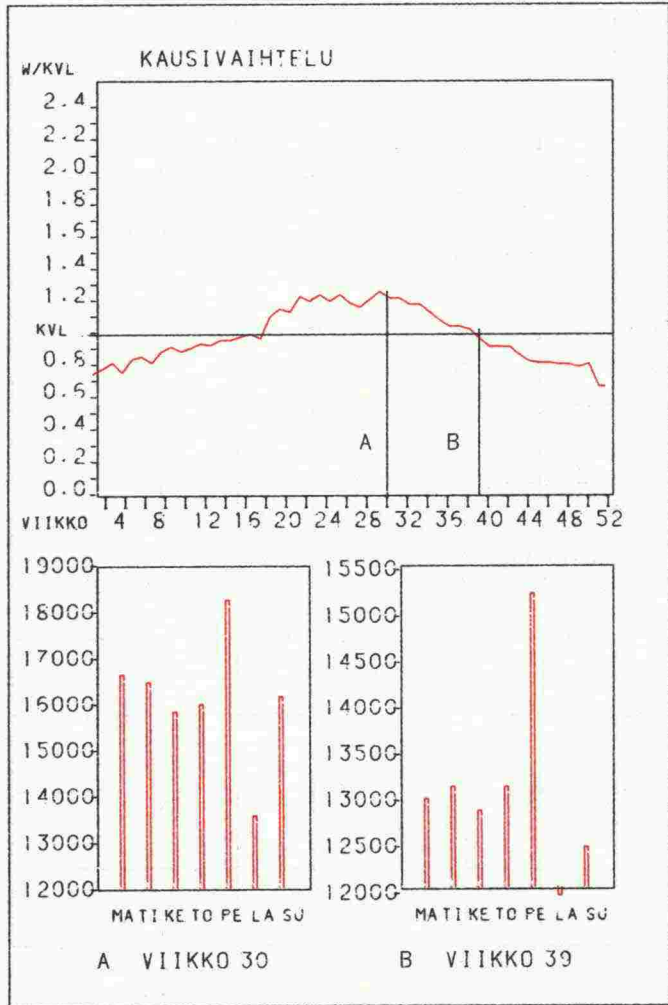
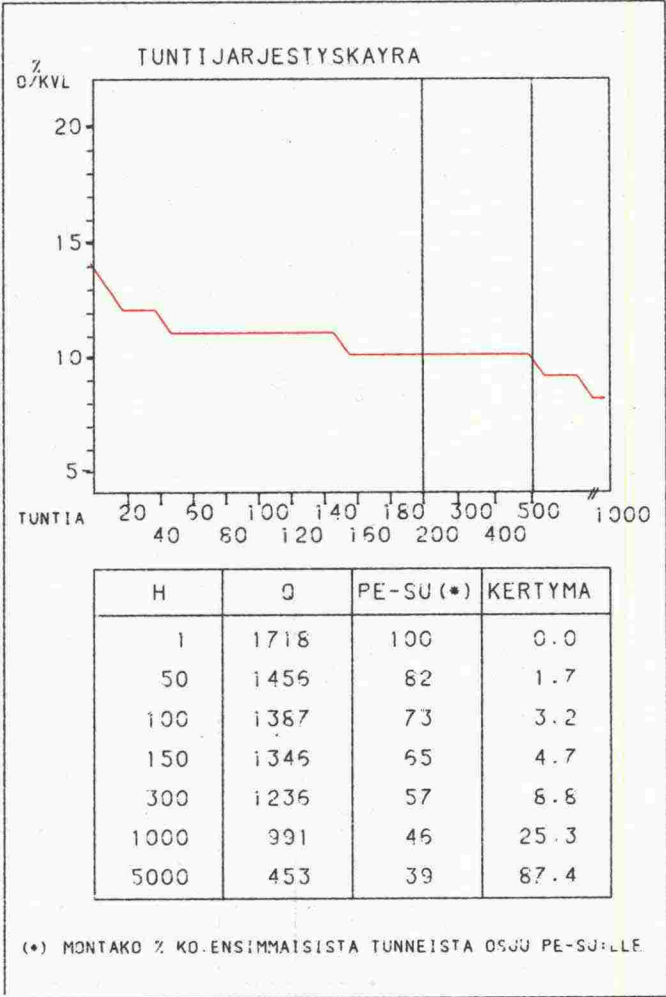
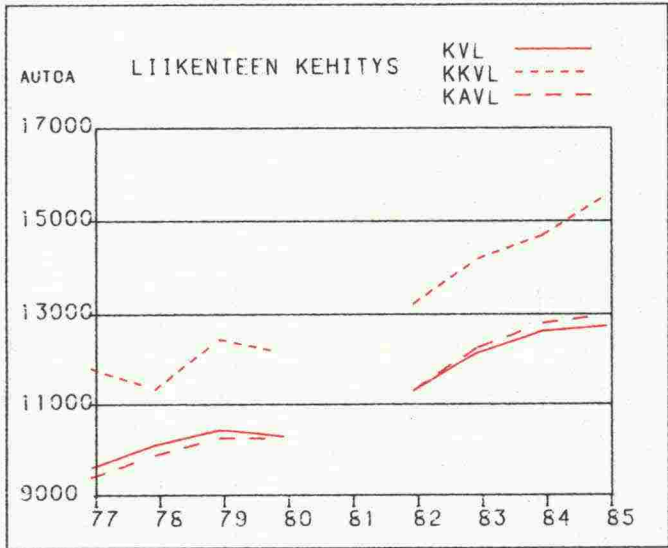
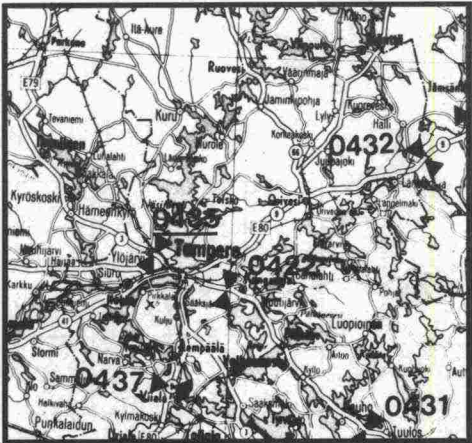
87 %

LA + KAIP

7 %

KAPP + KATP

6 %

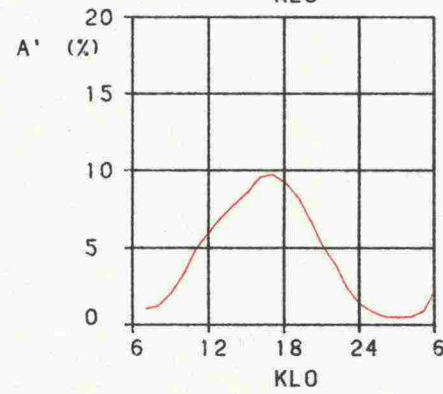
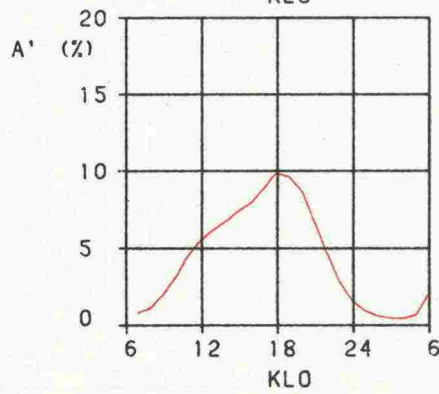
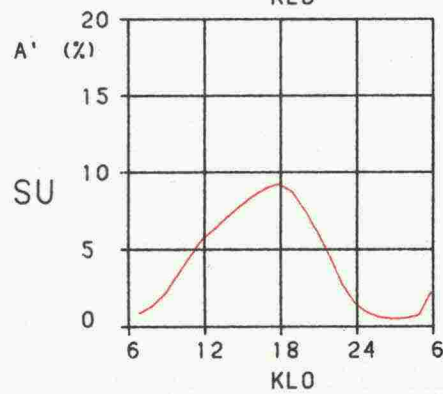
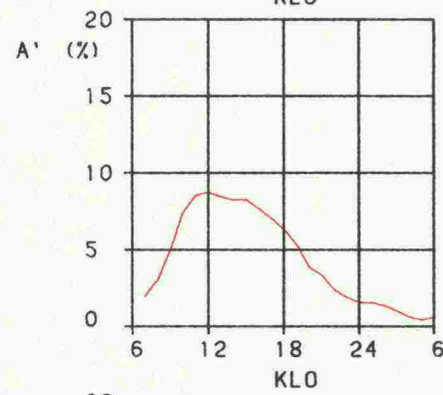
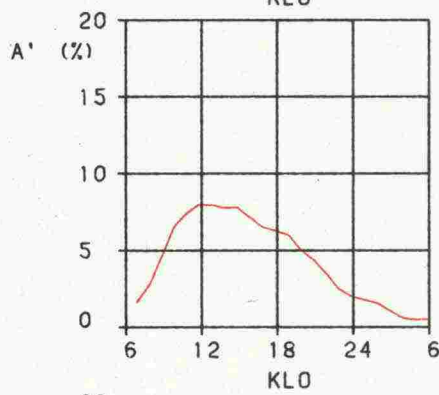
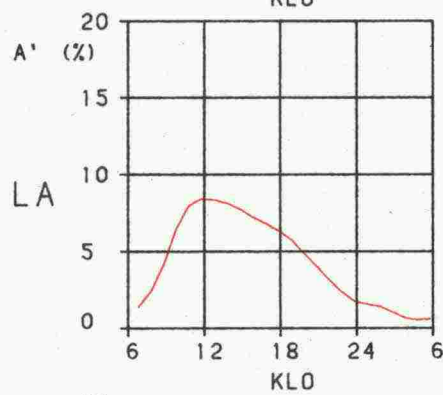
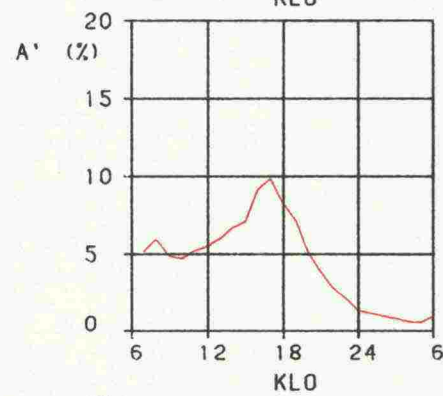
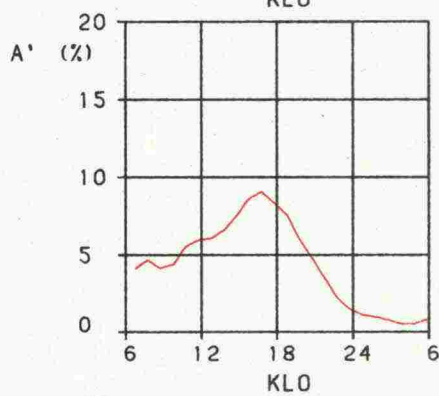
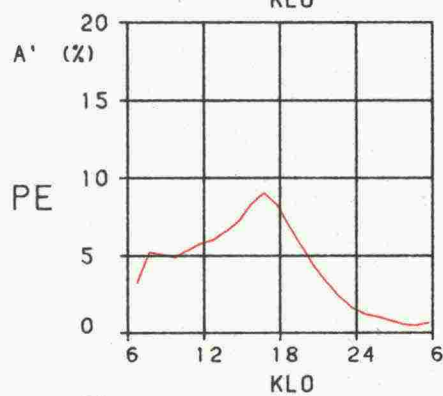
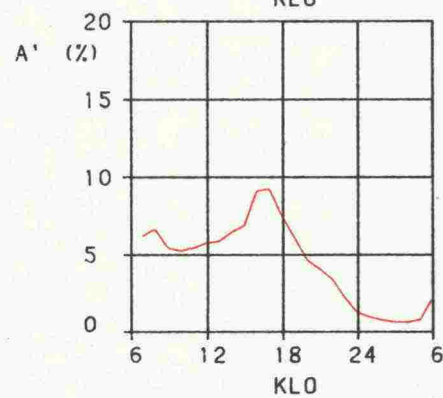
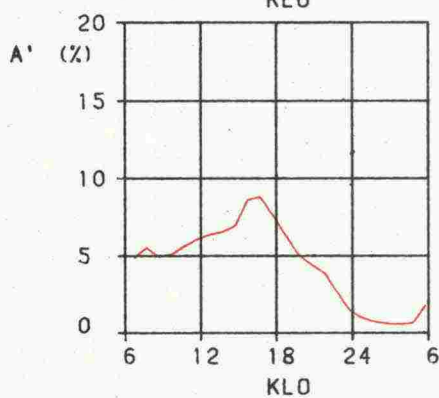
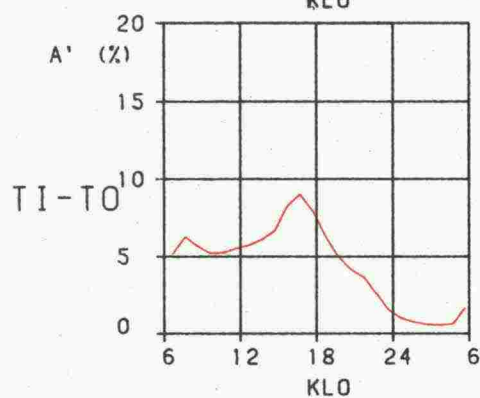
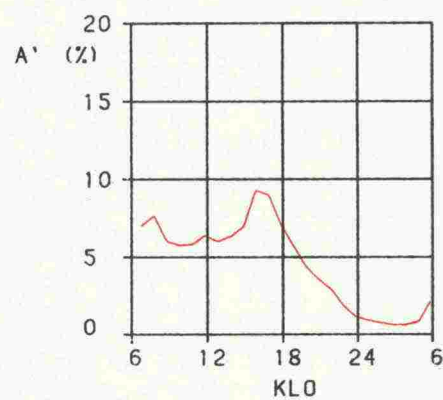
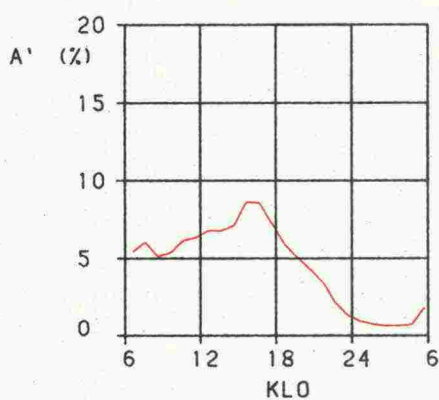
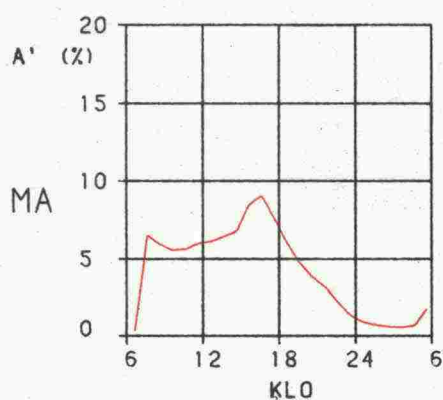


## TUNTI VAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU





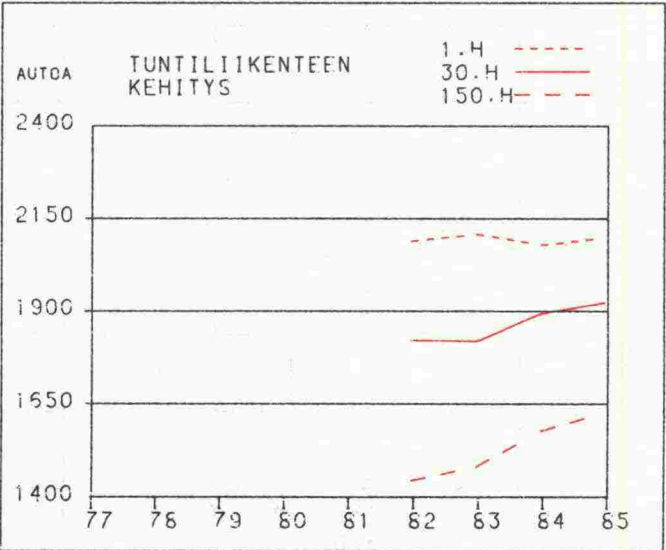
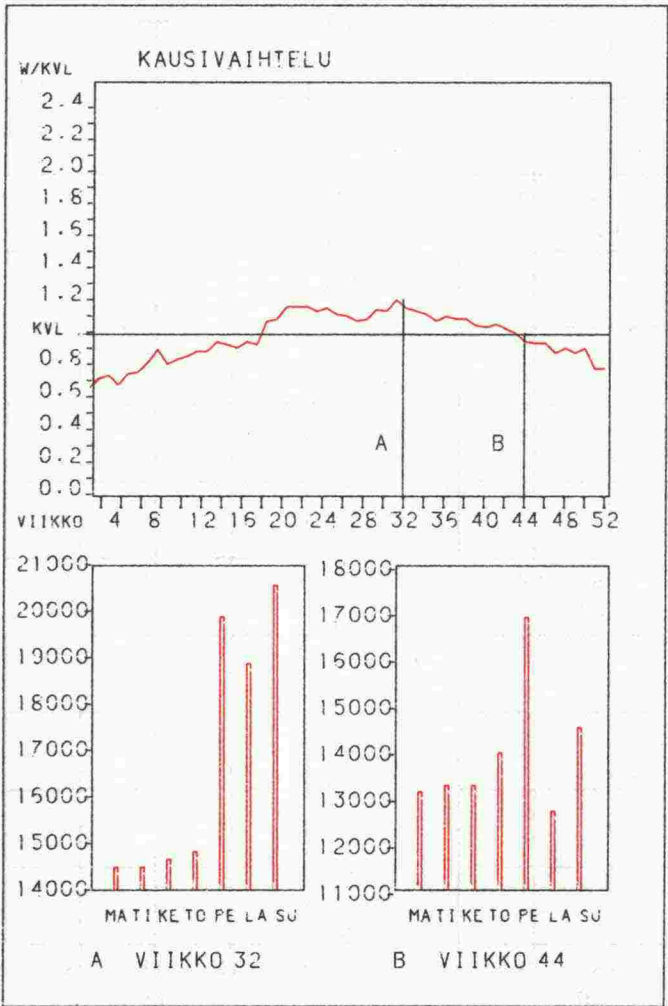
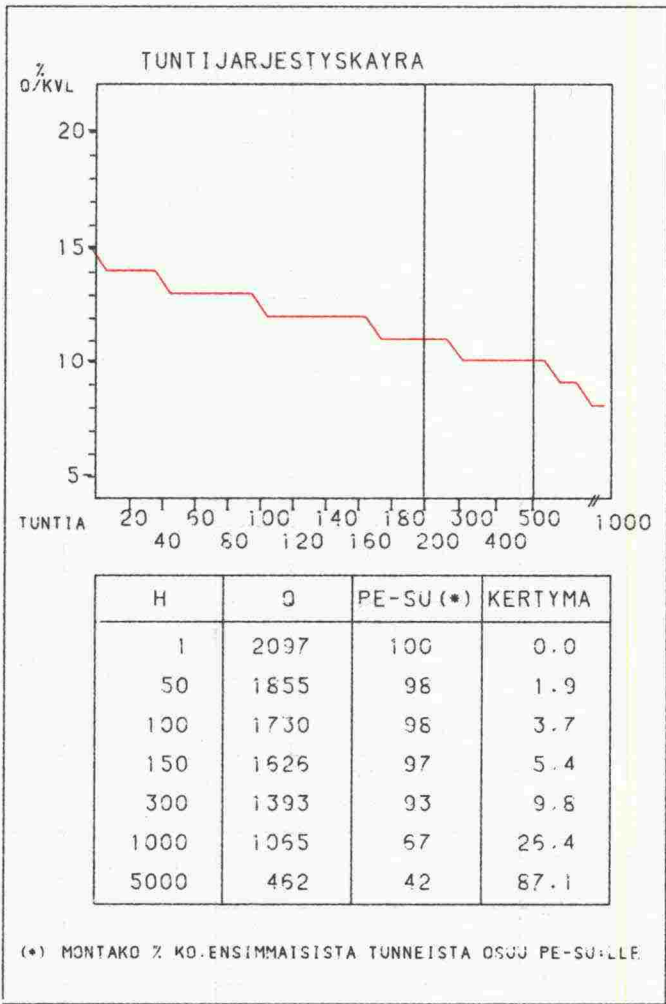
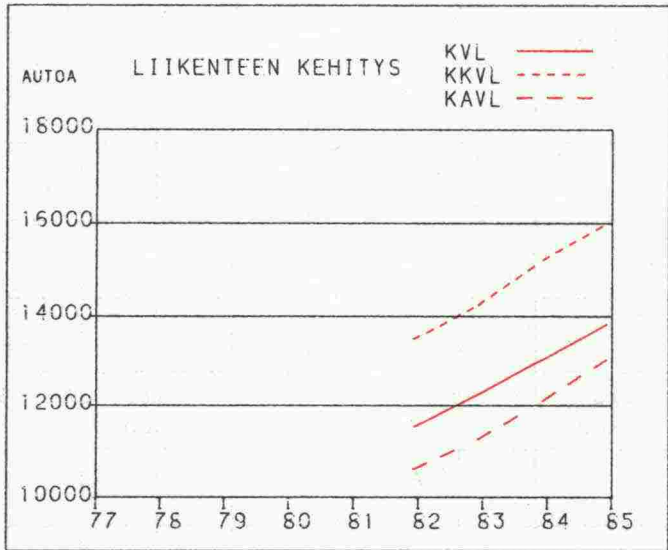
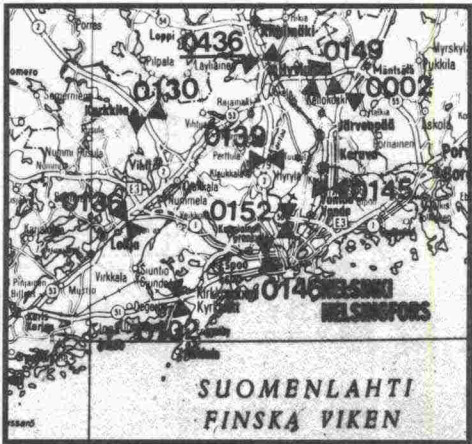
KVL 13814  
KAVL 12995  
KKVL 15982

B' (SU/KESA) 1.17  
D' 1.15

ARKILIIKENTEEN KOOSTUMUS

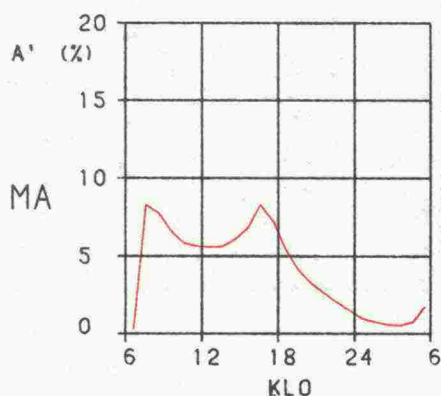
HA + PA  
LA + KAIP  
KAPP + KATP

82%  
8 %  
10%

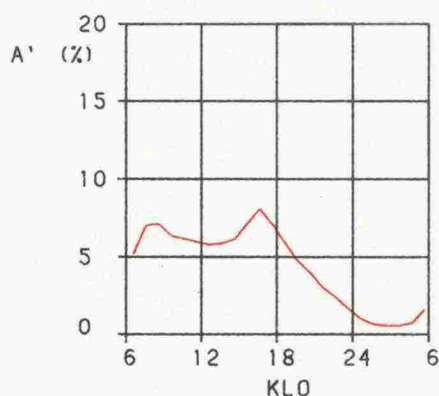


## TUNTIVAIHTELUT

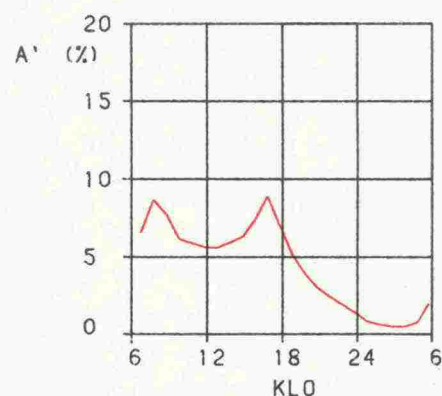
HELMIKUU



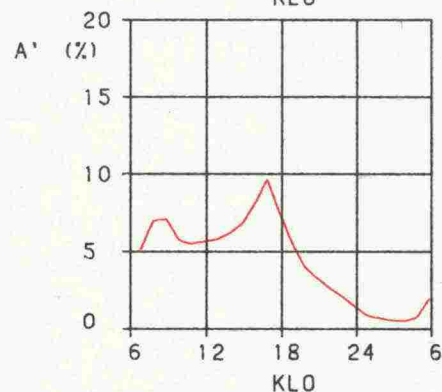
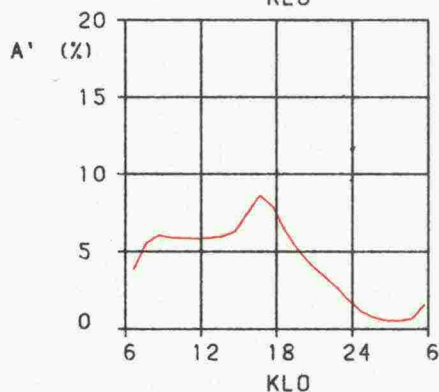
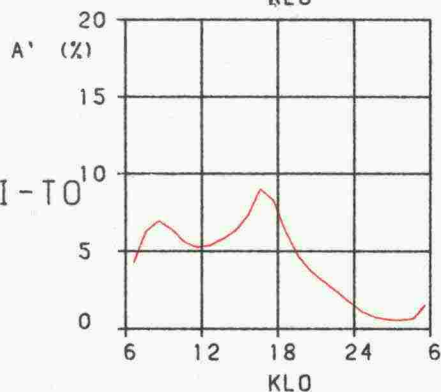
HEINAKUU



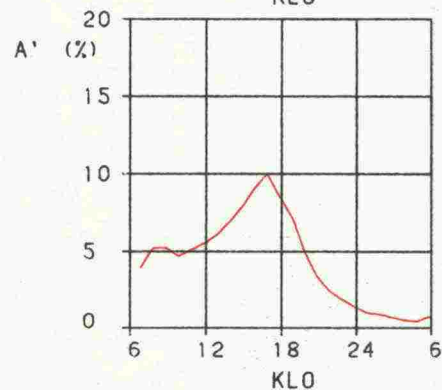
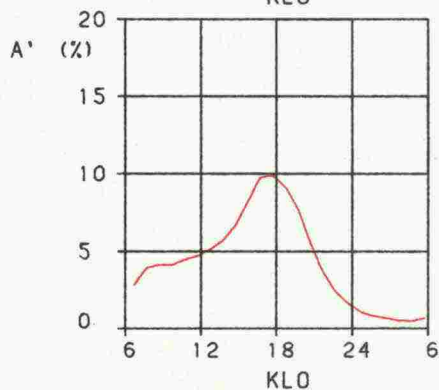
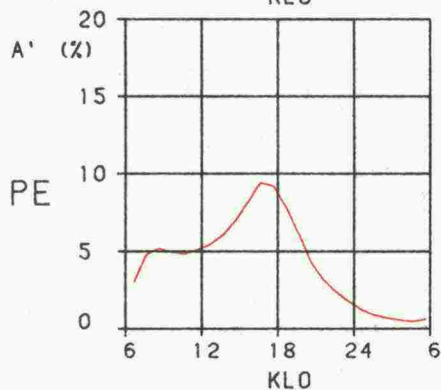
LOKAKUU



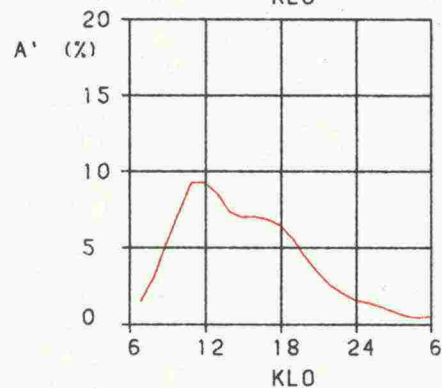
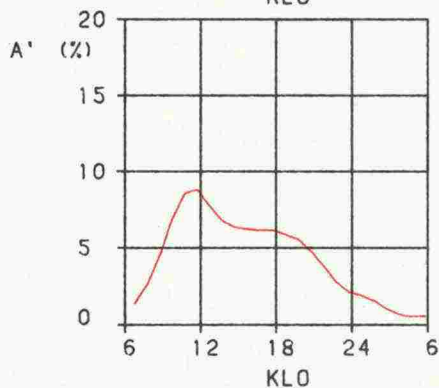
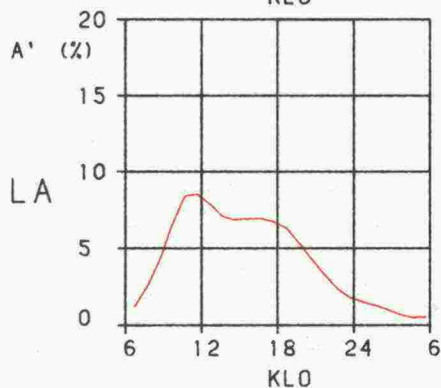
TI-TO



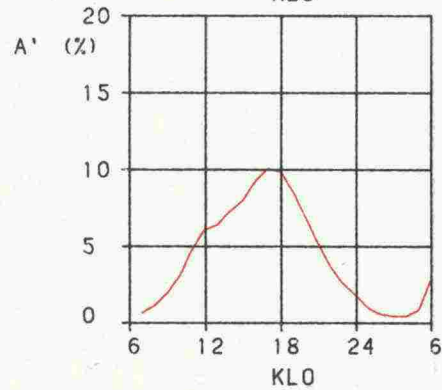
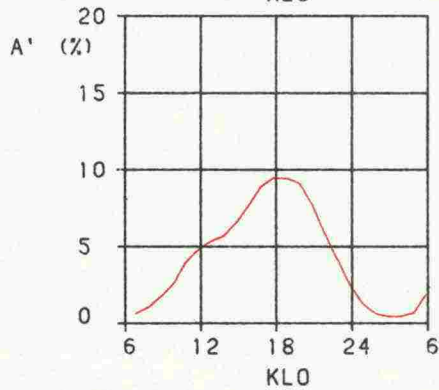
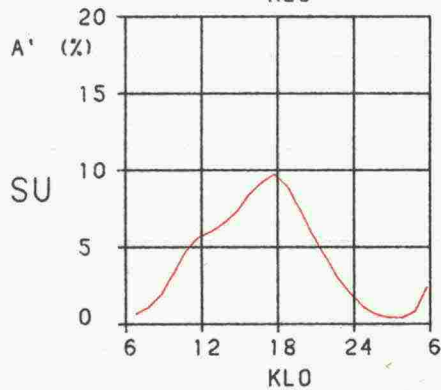
PE



LA



SU





KVL 4555

B' (SU/KESA) 1.06

KAVL 4385

D' 1.22

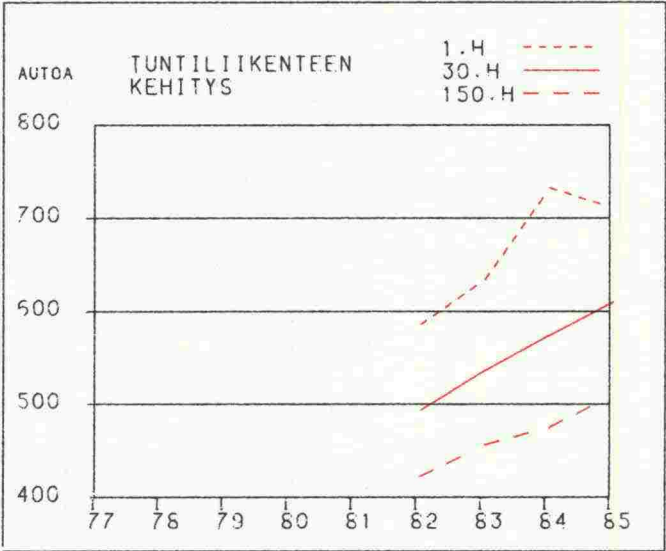
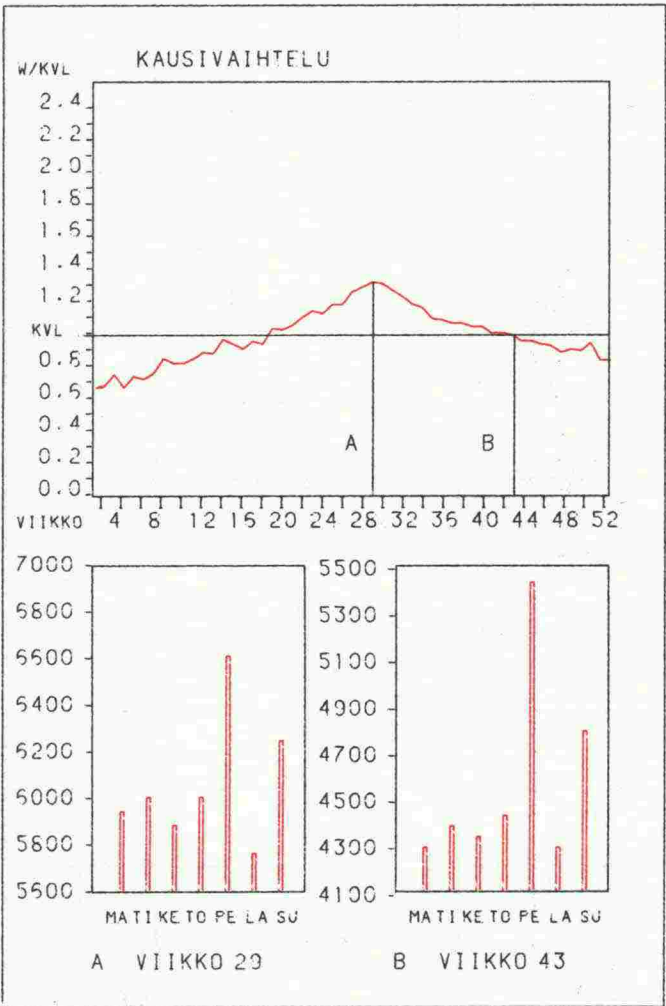
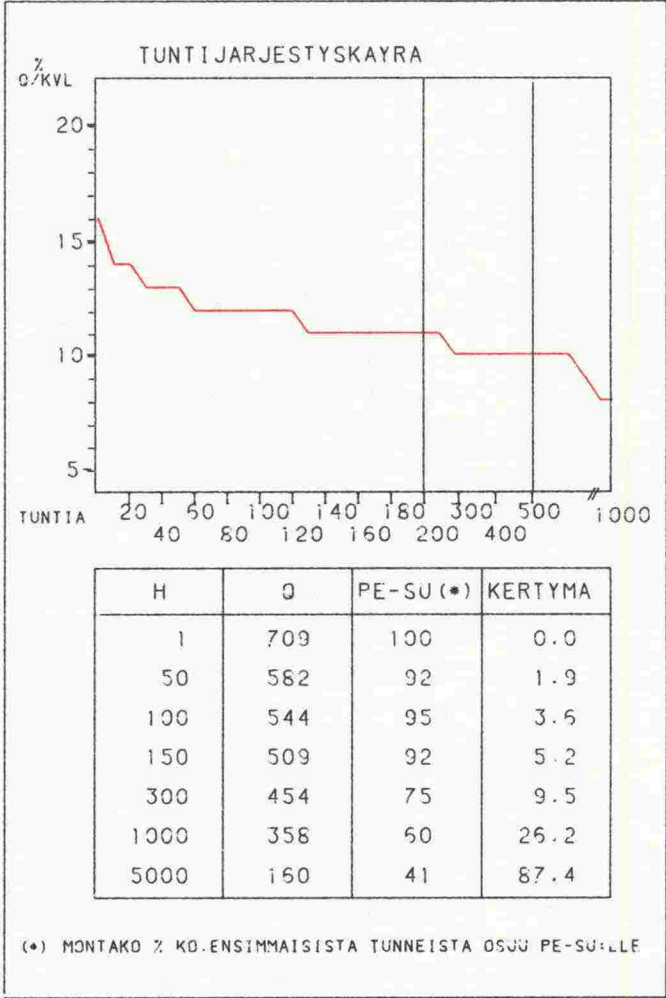
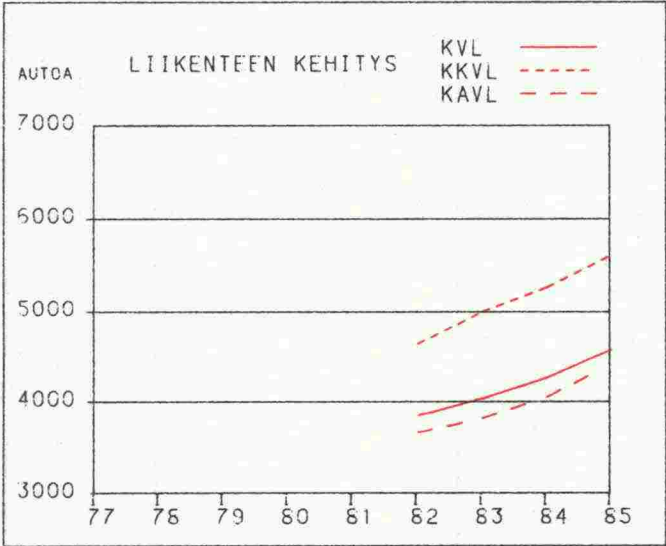
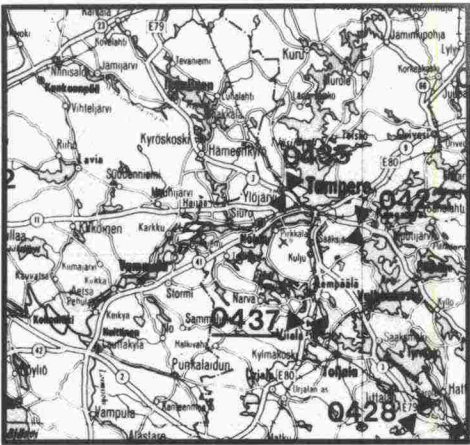
KKVL 5599

ARKILIIKENTEEEN KOOSTUMUS

HA + PA 85 %

LA + KAIP 7 %

KAPP + KATP 8 %

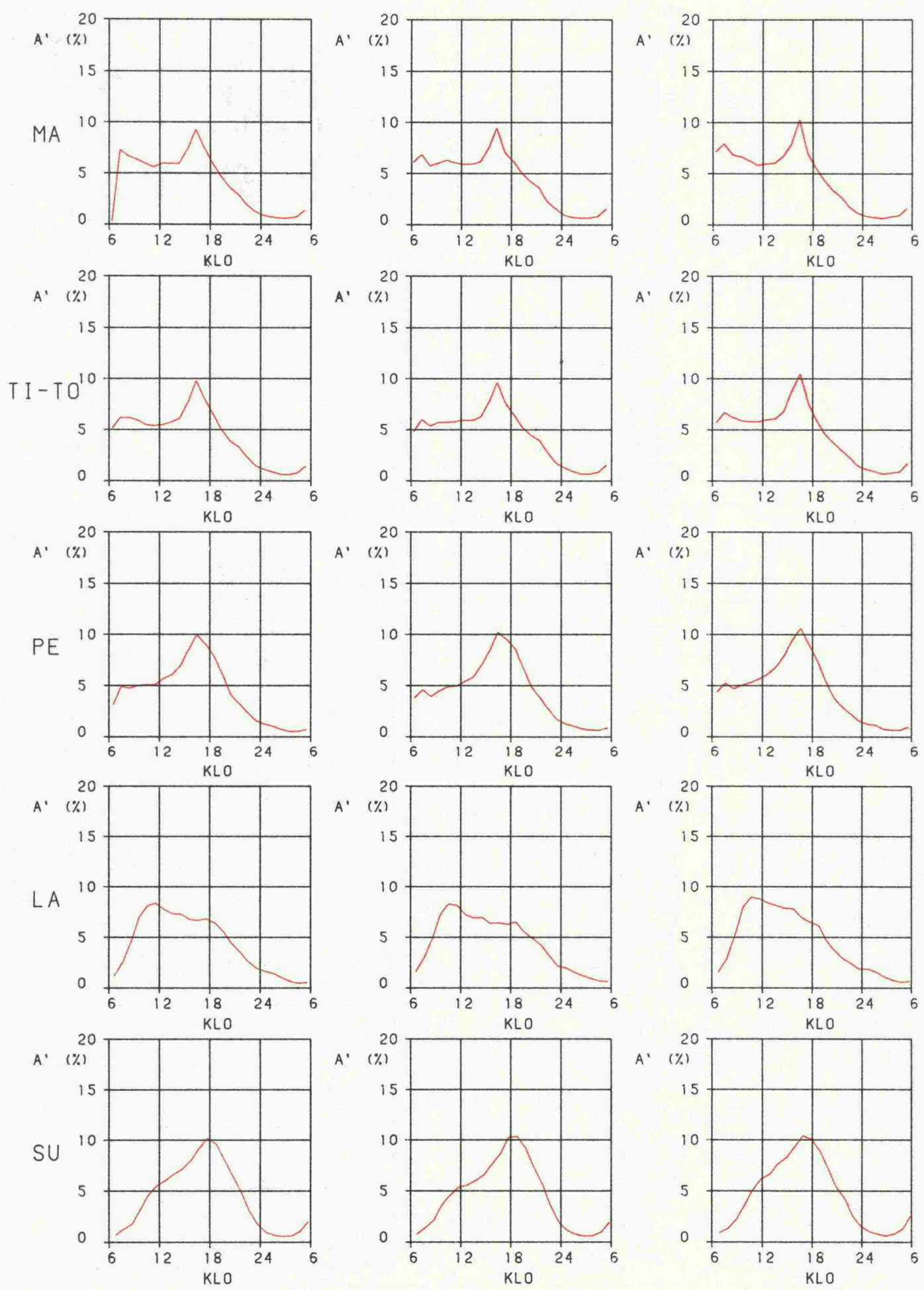


# TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU





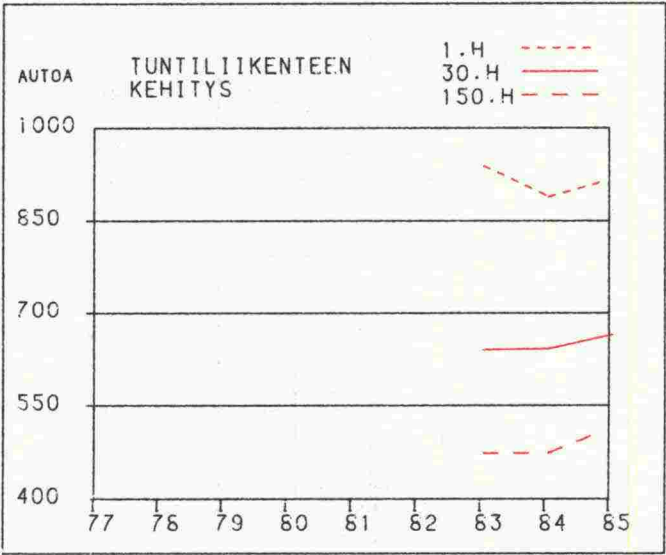
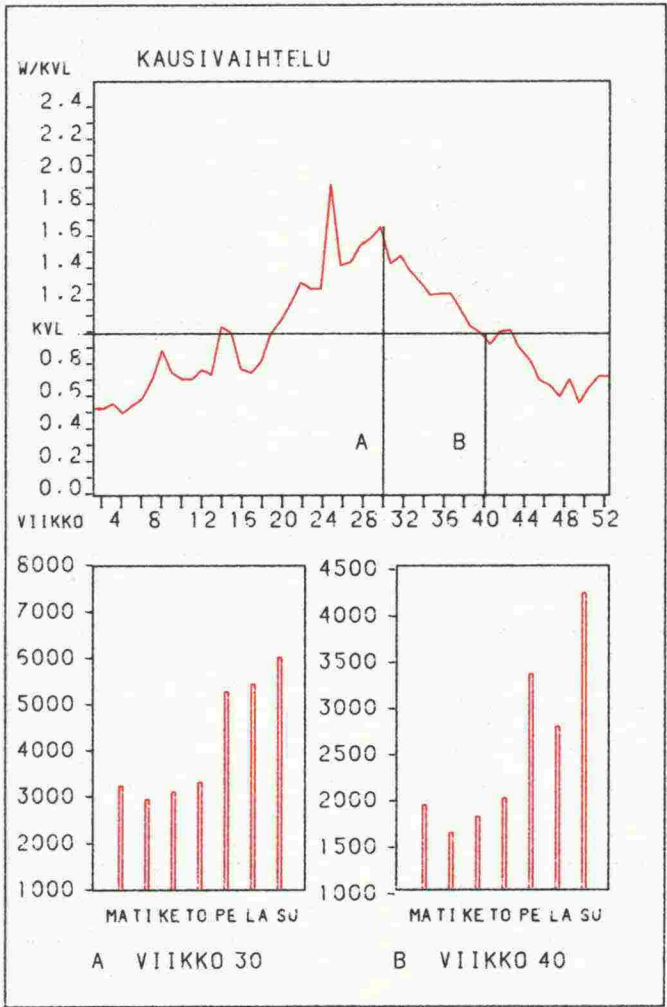
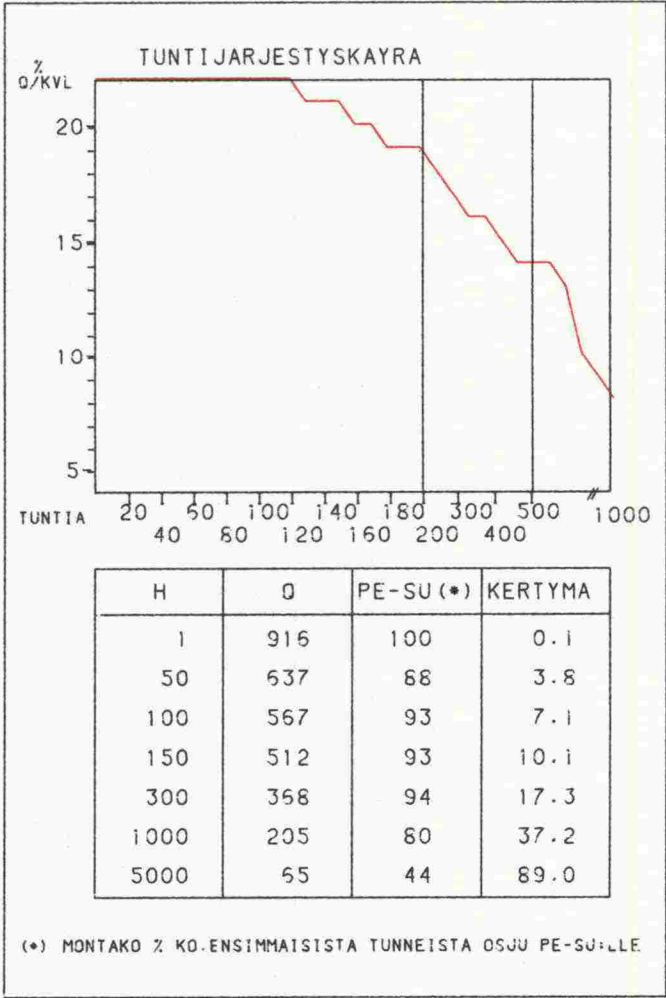
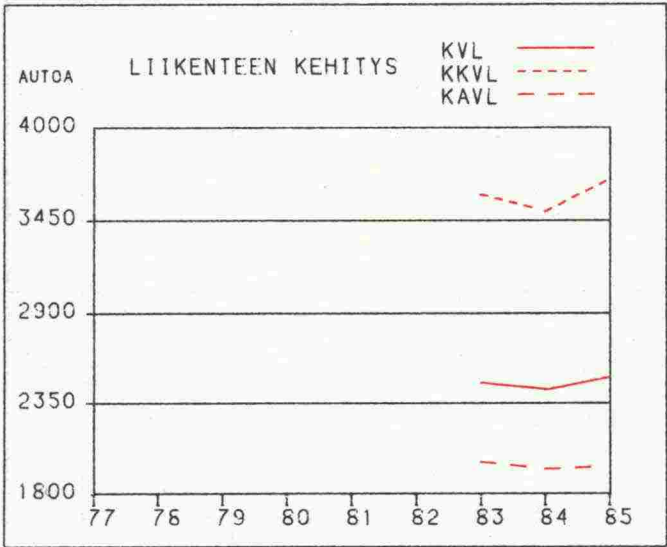
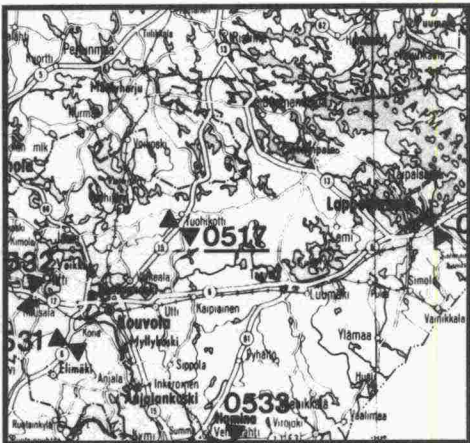
KVL 2490
KAVL 1957
KKVL 3676

B' (SU/KESA) 1.59
D' 1.47

ARKILIIKENTEEN KOOSTUMUS

HA + PA
LA + KAIP
KAPP + KATP

81%
6%
13%

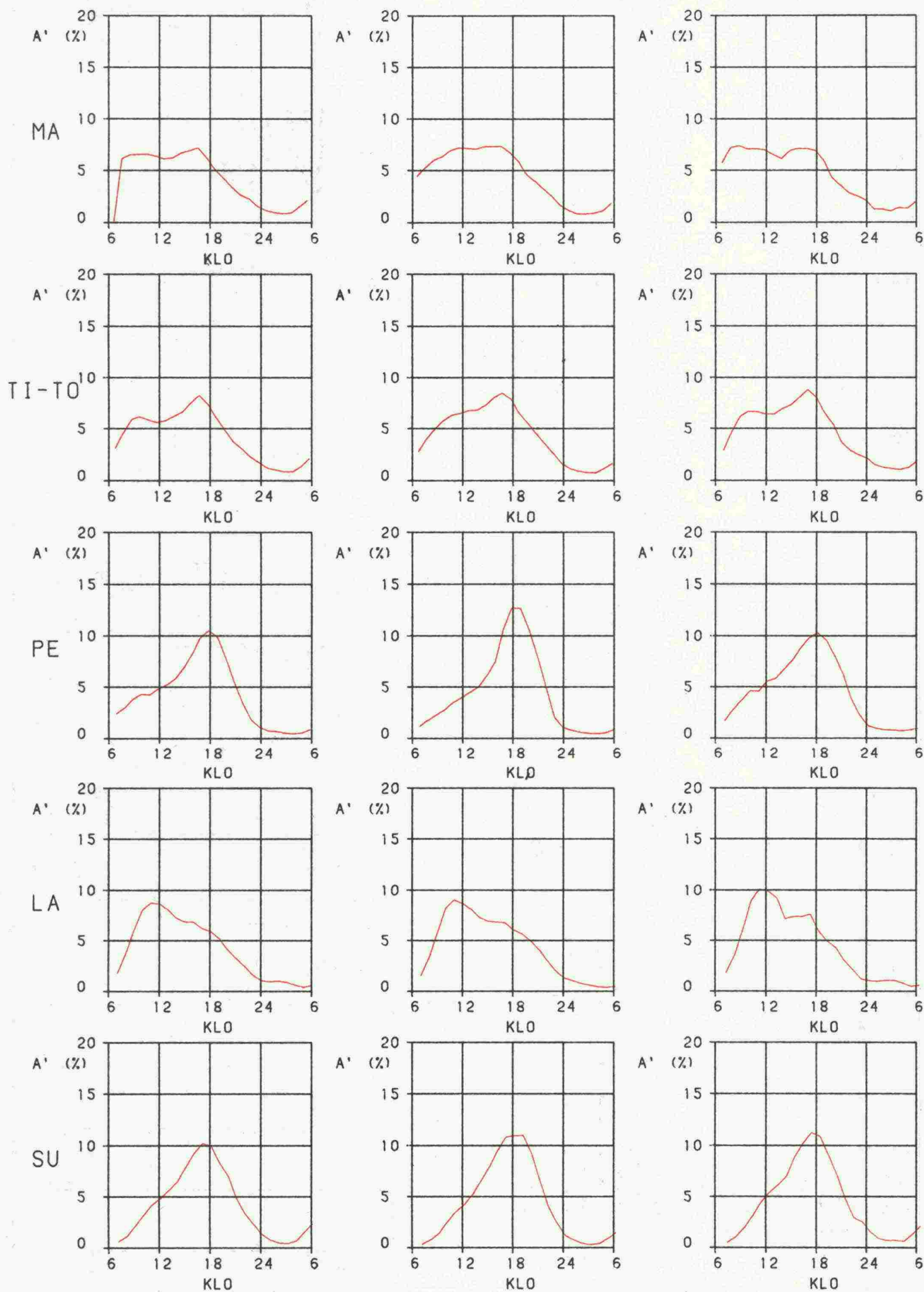


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU





# 518 LAPPEENRANTA 1985

VT6 TIEOSA 303 ETAISYYS 2.5 KM

KVL 8390 B' (SU/KESA) 1.06

KAVL 8376

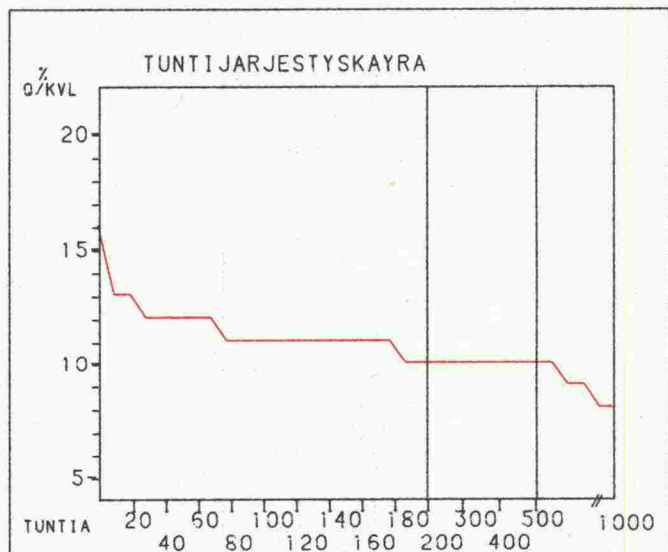
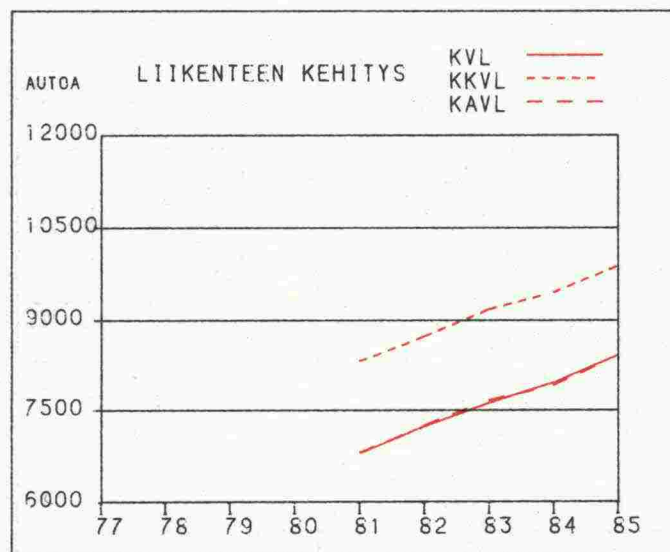
KKVL 9845 D' 1.17

## ARKILIIKENTEEN KOOSTUMUS

HA + PA 83%

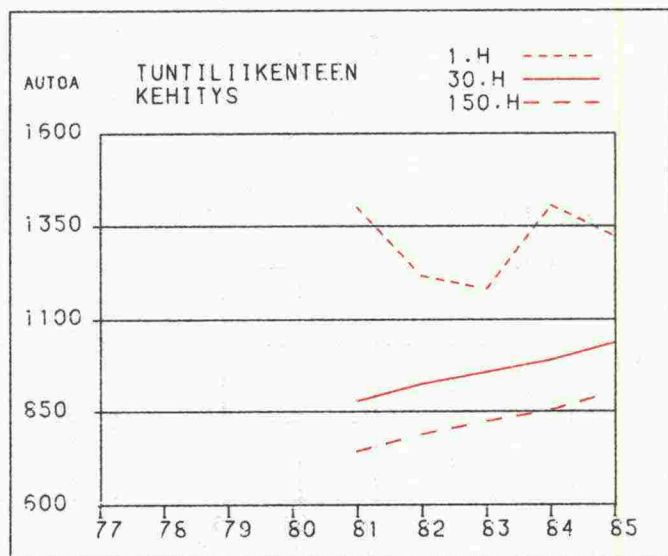
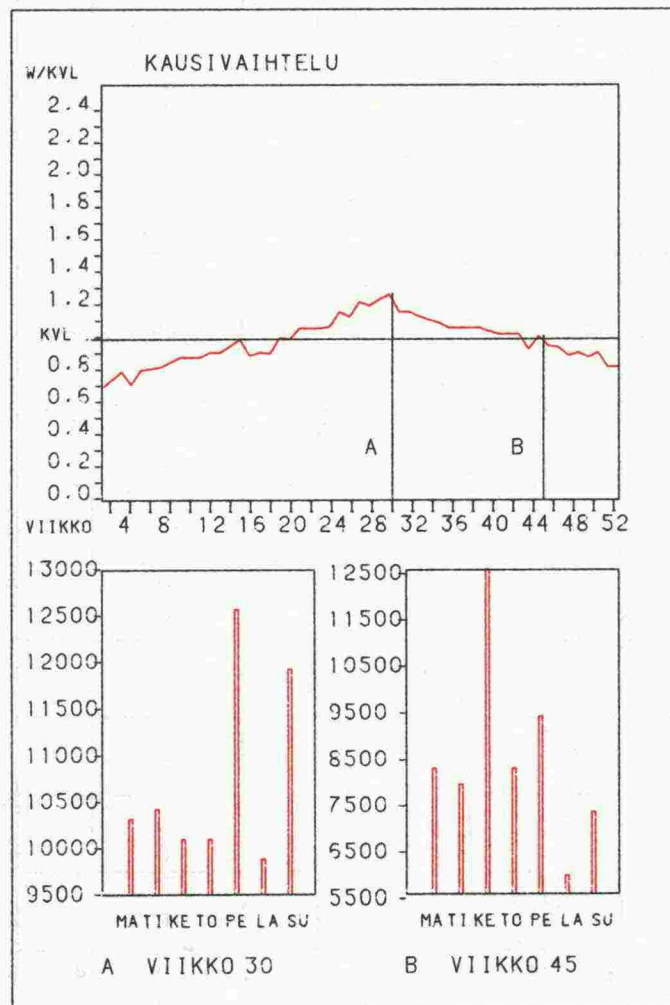
LA + KAIP 7%

KAPP + KATP 10%



H	Q	PE-SU (*)	KERTYMA
1	1321	100	0.0
50	1009	78	1.8
100	939	85	3.3
150	905	80	4.9
300	827	69	9.1
1000	652	52	25.7
5000	286	40	86.8

(\*) MONTAKO % KO. ENSIMMAISISTA TUNNEISTA OSUJ PE-SU: LLE

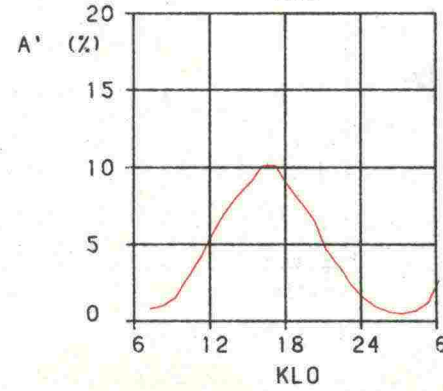
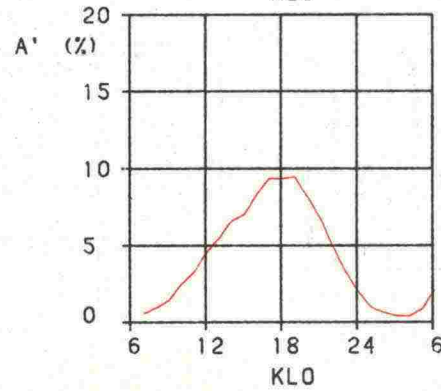
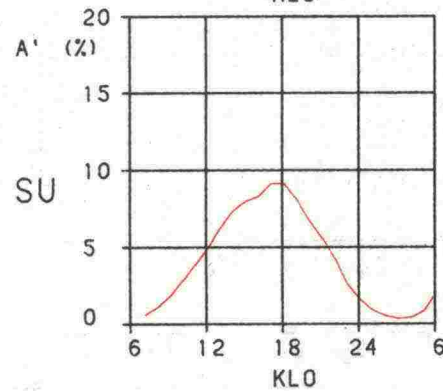
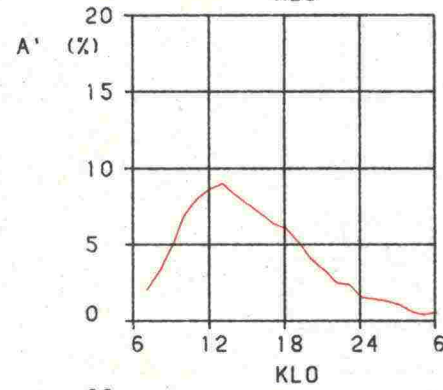
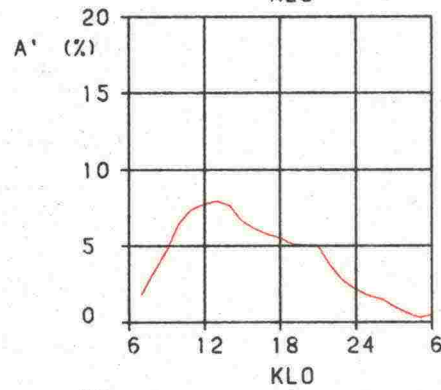
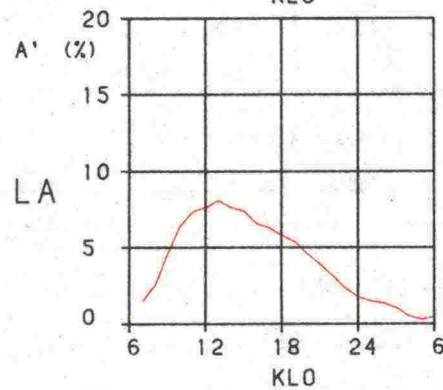
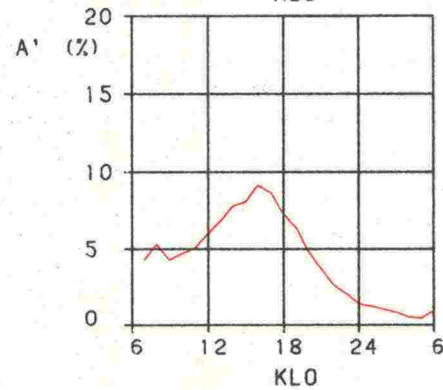
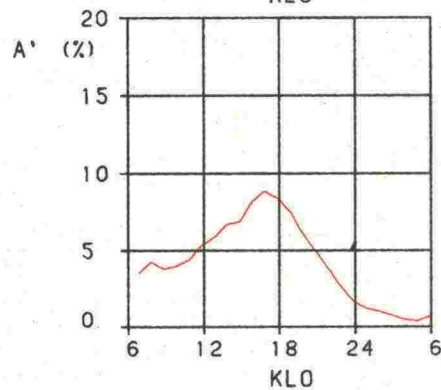
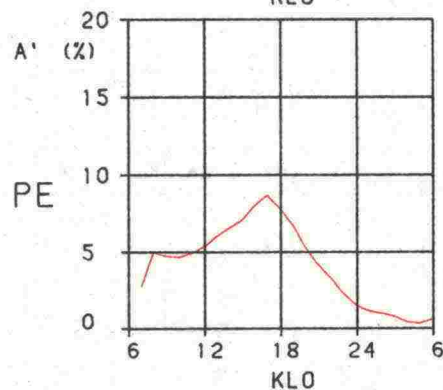
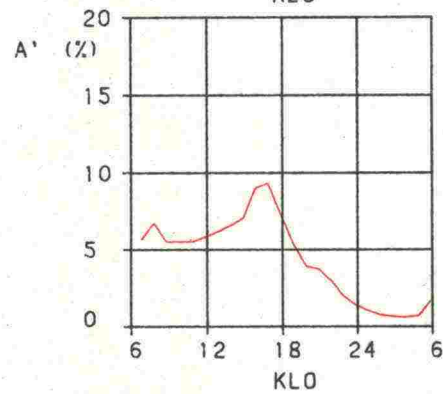
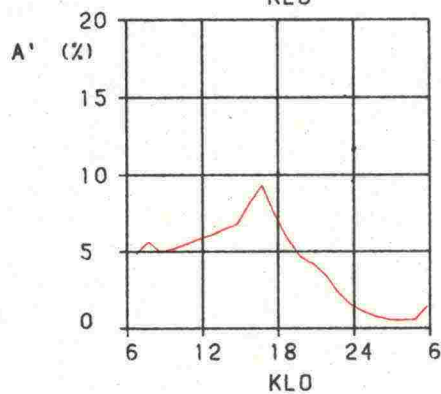
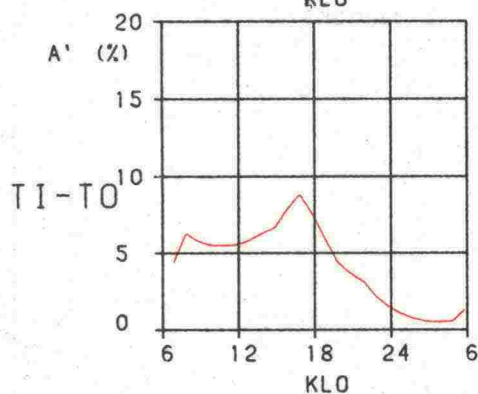
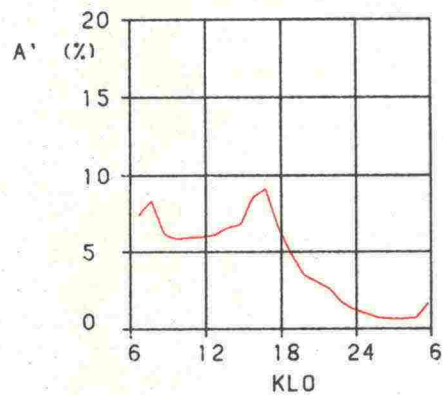
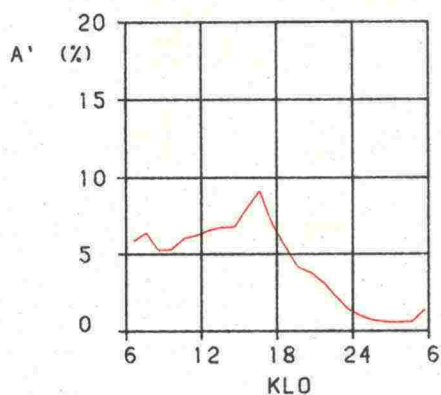
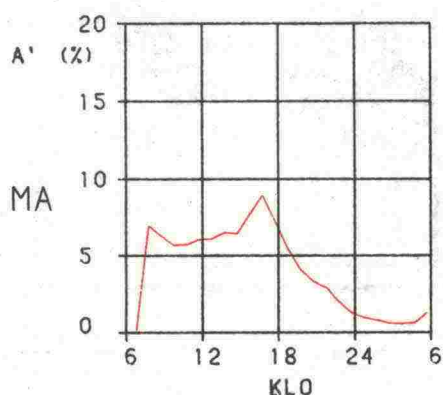


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU



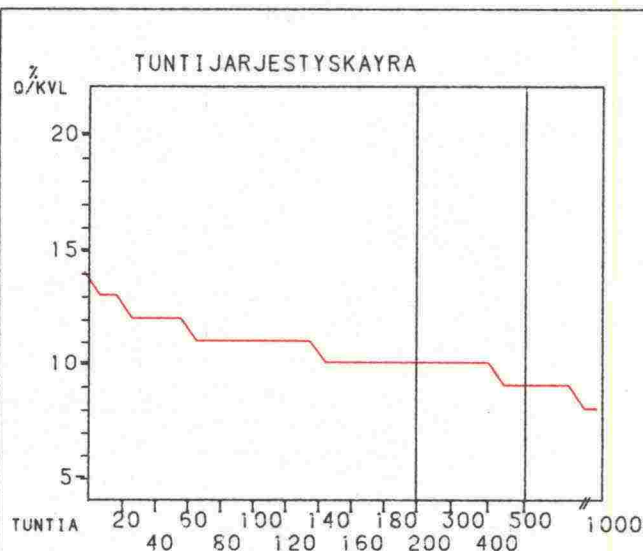
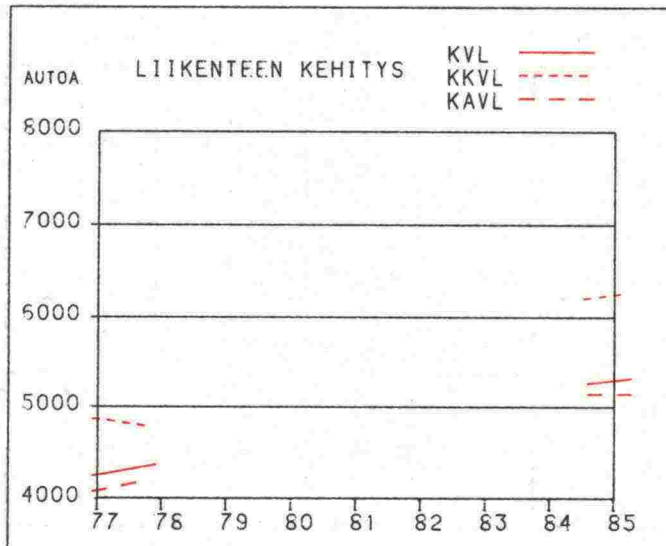
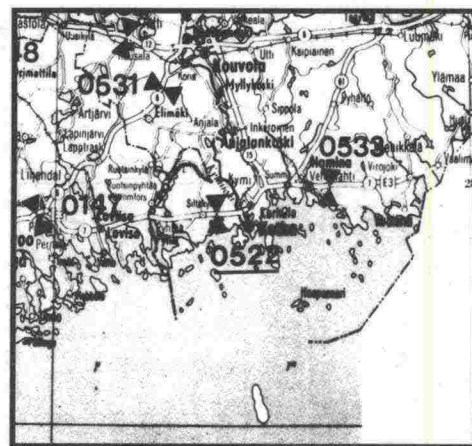


522 KOTKA/PYHTÄÄ 1985  
VT7 TIEOSA 11 ETAISYYS 1.9 KM

KVL 5281 B' (SU/KESA) 1.03  
KAVL 5175  
KKVL 6204 D' 1.17

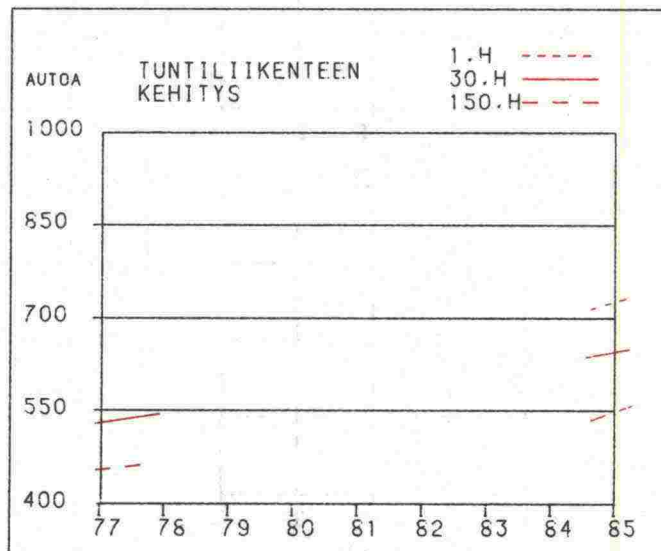
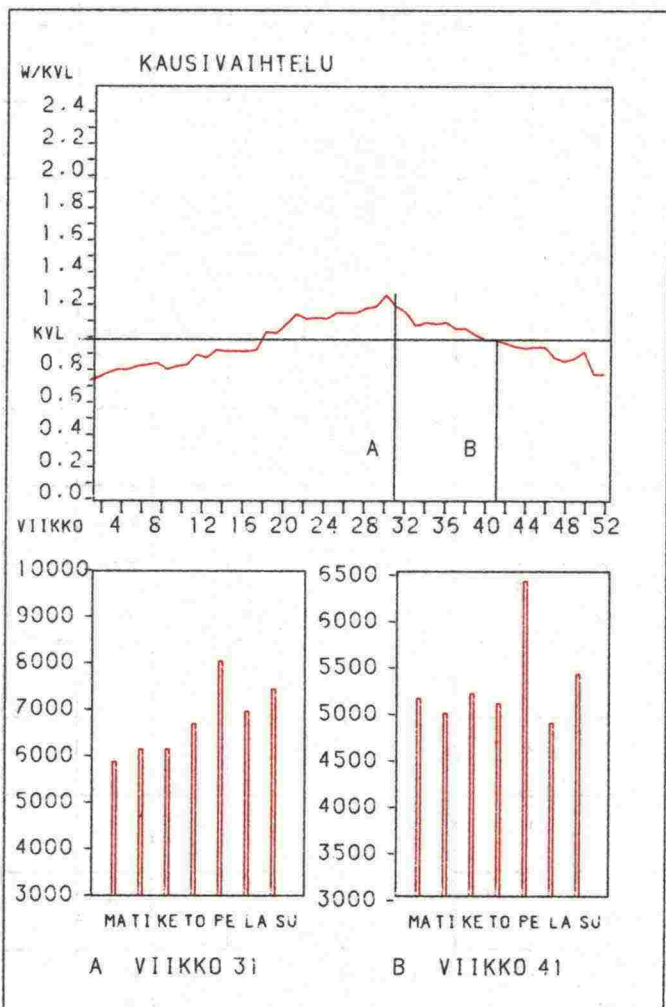
# ARKILIIKENTEEN KOOSTUMUS

HA + PA 83 %  
LA + KAIP 7 %  
KAPP + KATP 10 %



H	Q	PE-SU (*)	KERTYMA
1	732	100	0.0
50	628	0	9.6
100	579	95	3.3
150	552	93	4.7
300	503	79	8.8
1000	410	59	25.2
5000	177	41	87.4

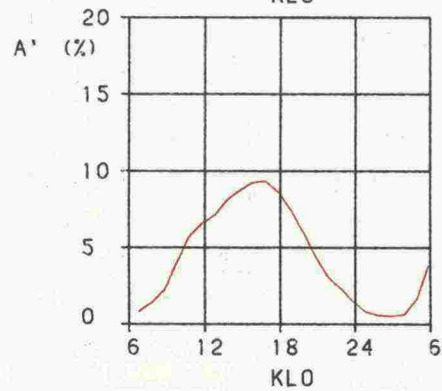
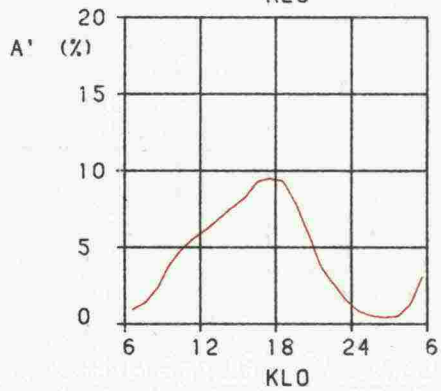
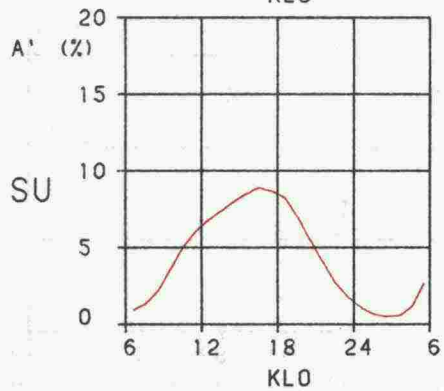
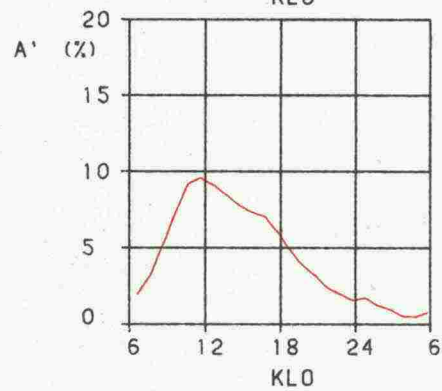
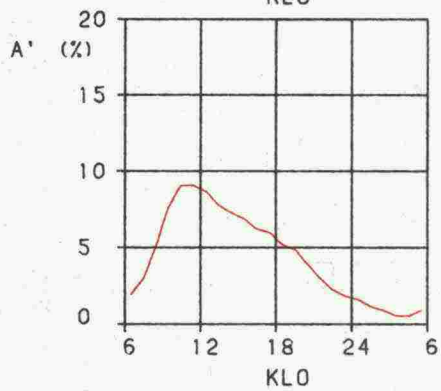
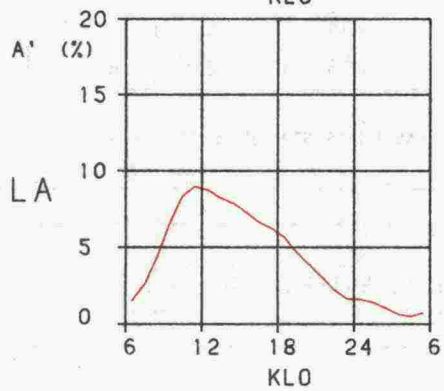
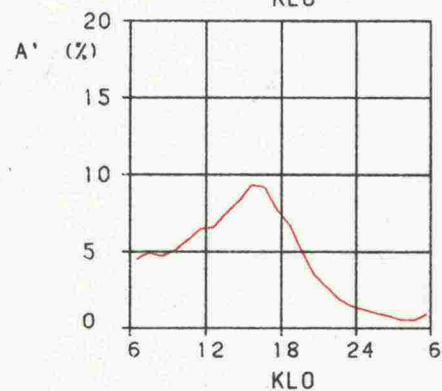
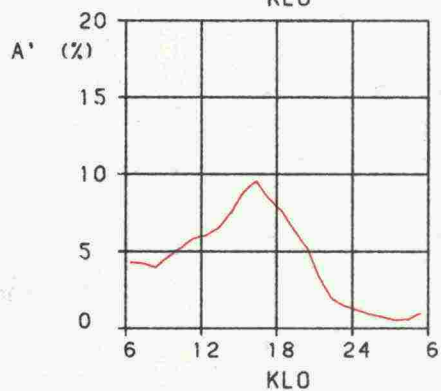
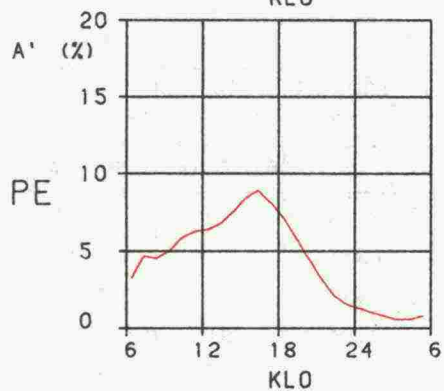
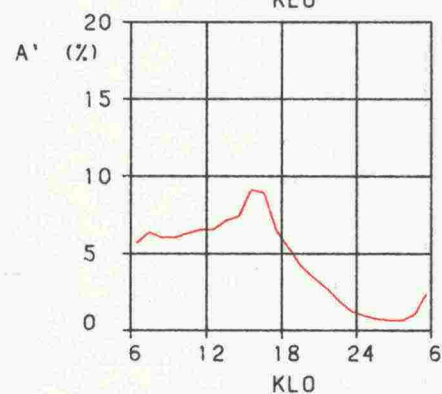
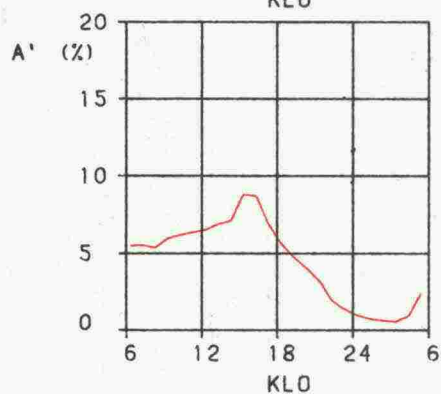
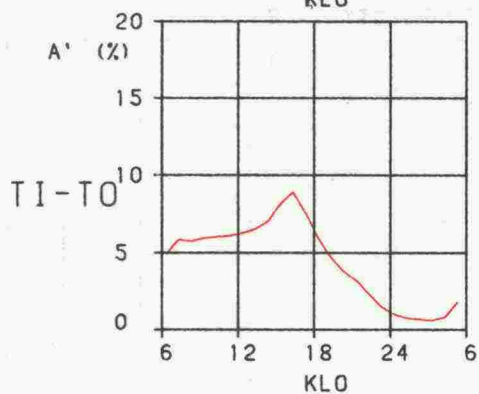
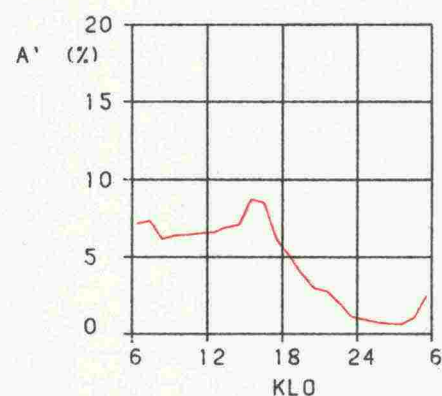
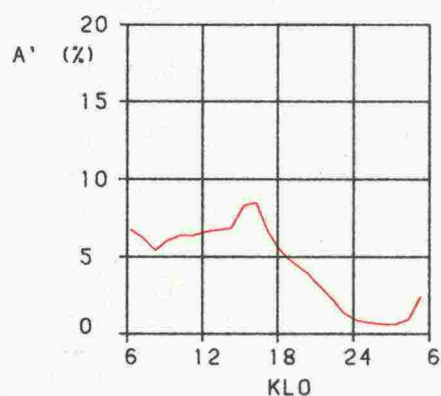
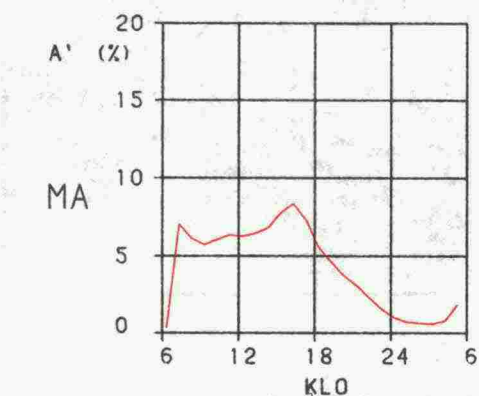
(\*) MONTAKO % KO-ENSIMMAISISTA TUNNEISTA OSUU PE-SU:LE



HELMIKUU

HEINAKUU

LOKAKUU





KVL 5228

B' (SU/KESA) 1.45

KAVL 4492

D' 1.30

KKVL 6827

ARKILIIKENTEEN KOOSTUMUS

HA + PA

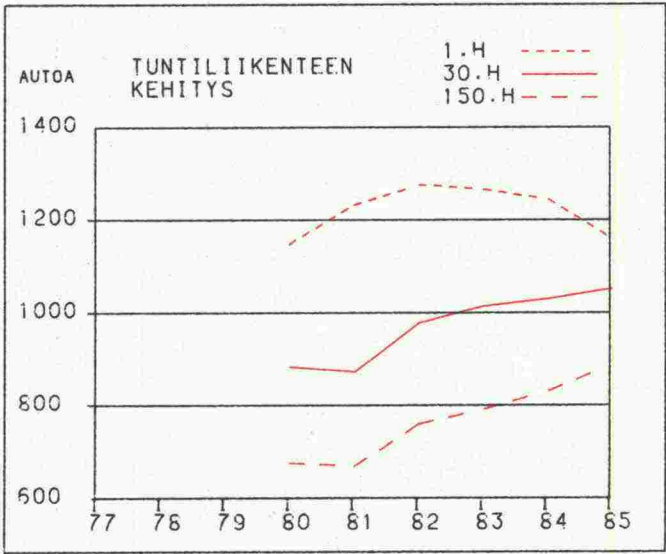
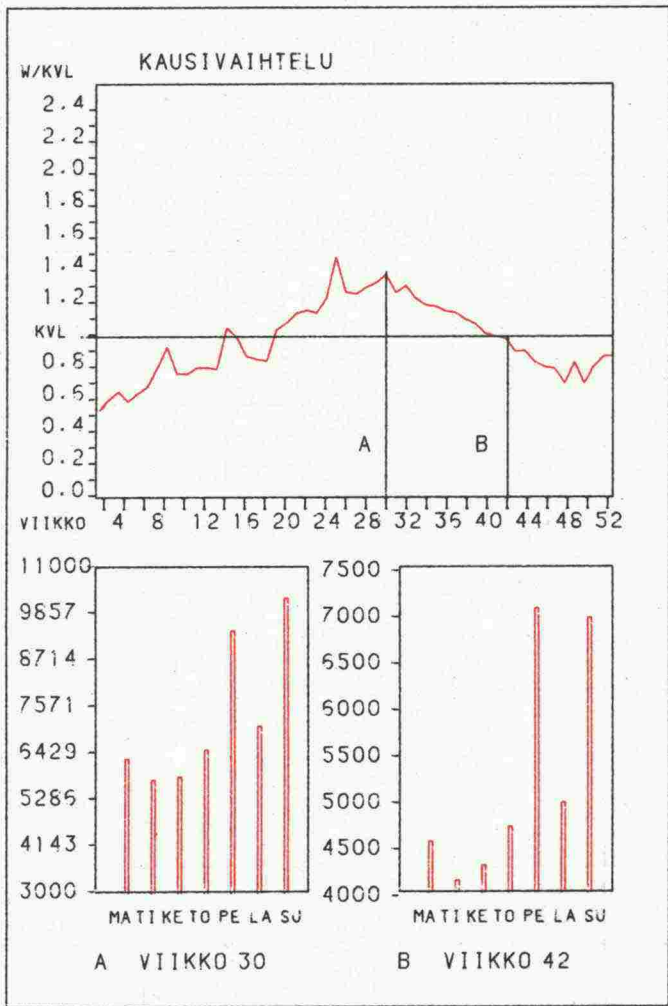
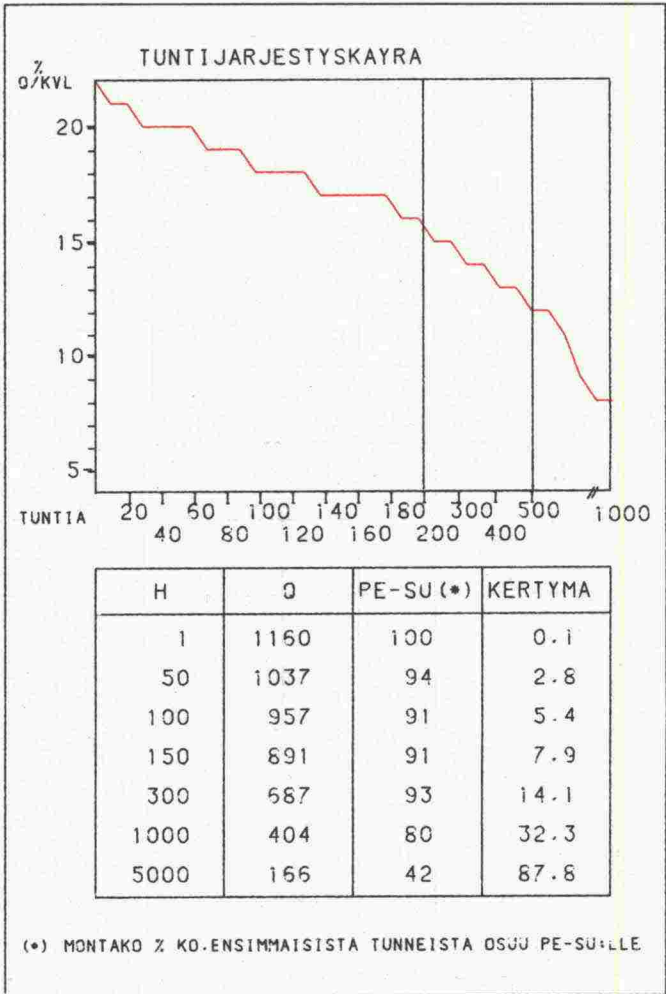
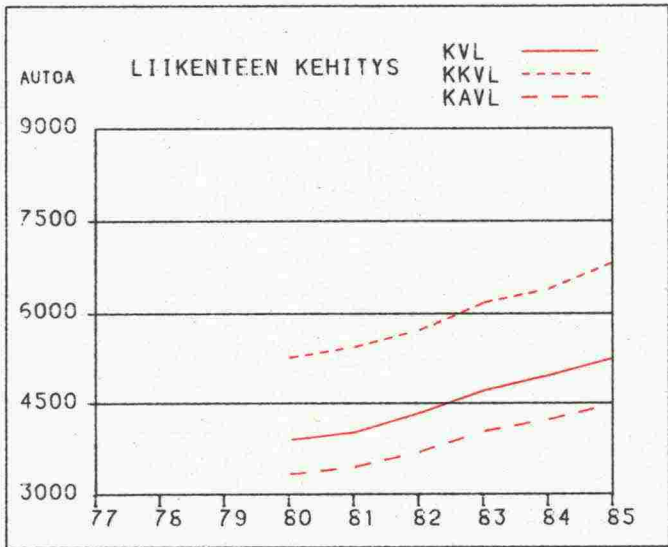
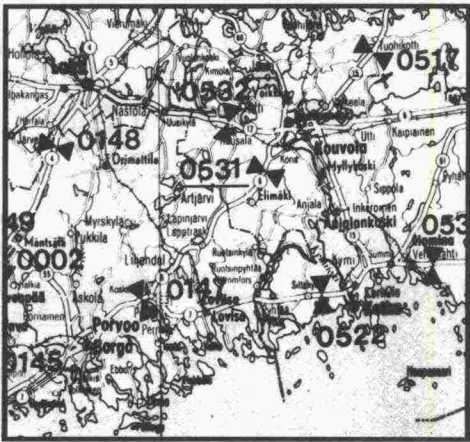
85 %

LA + KAIP

6 %

KAPP + KATP

9 %

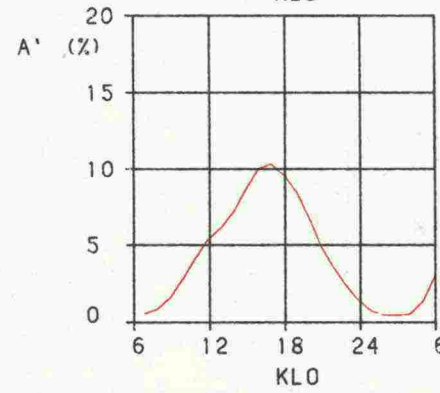
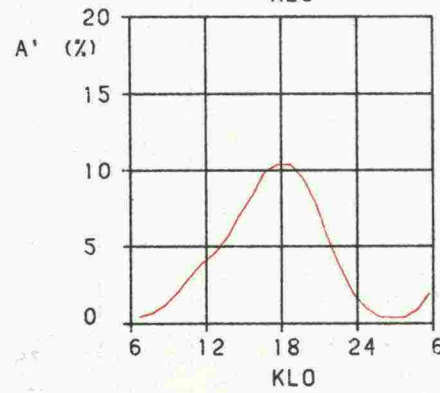
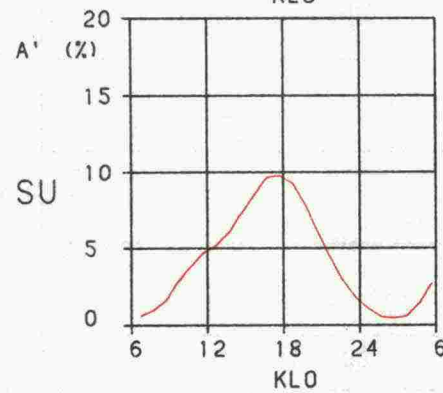
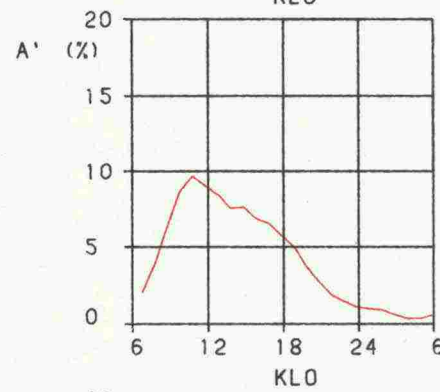
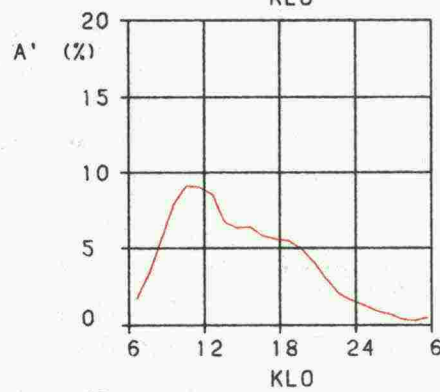
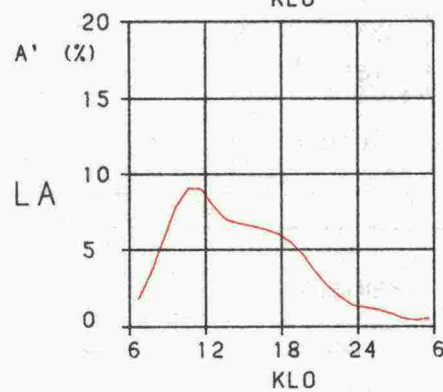
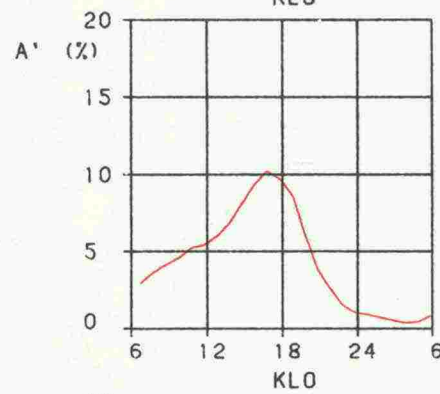
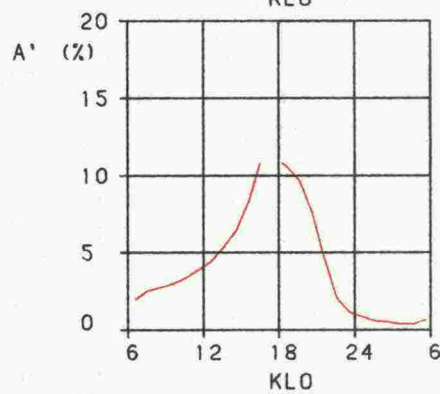
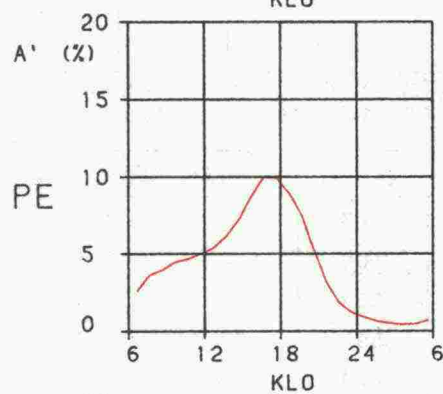
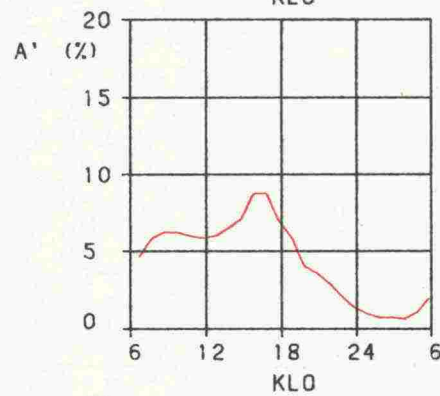
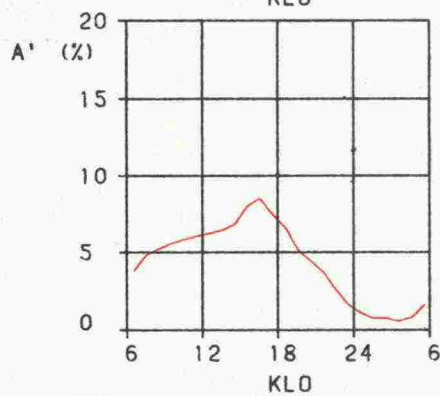
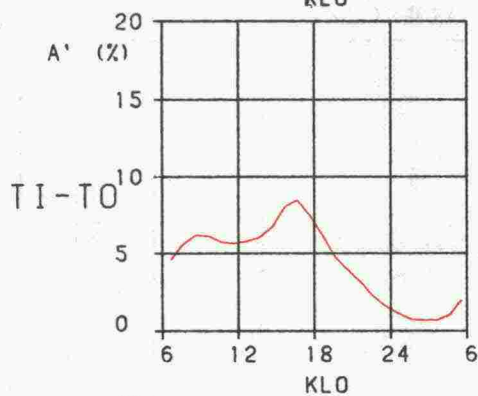
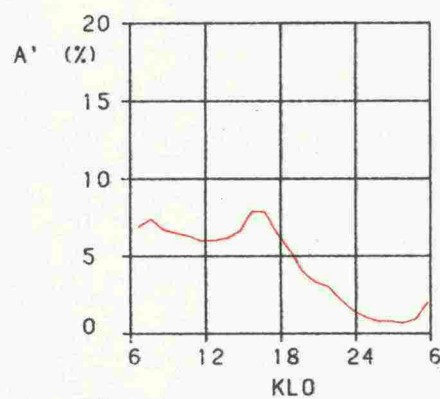
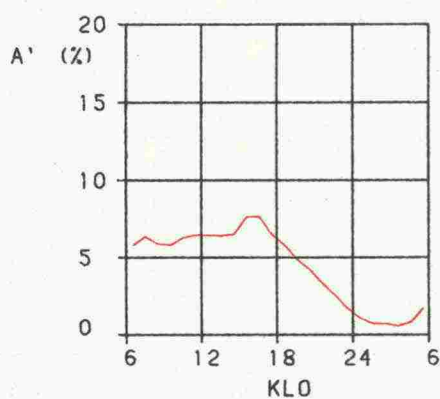
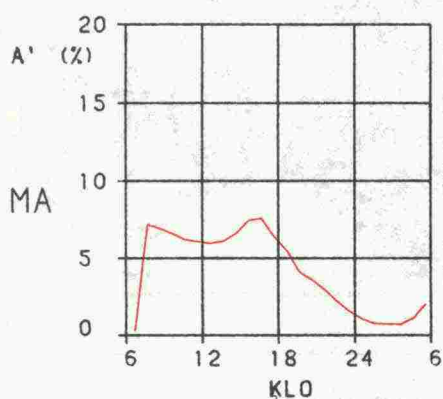


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU

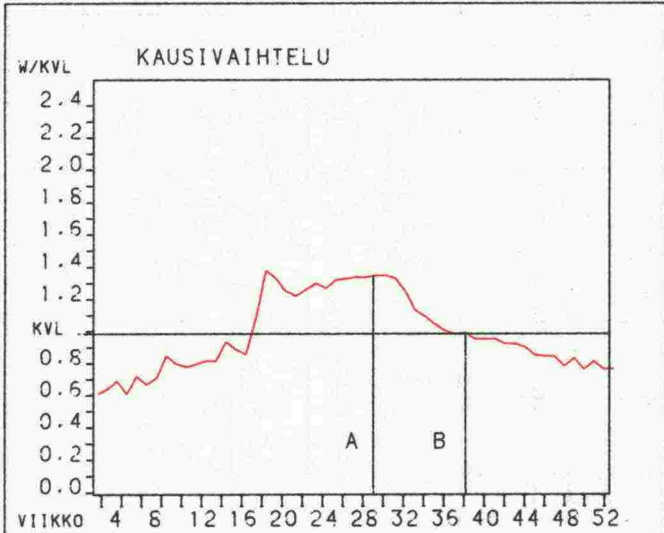
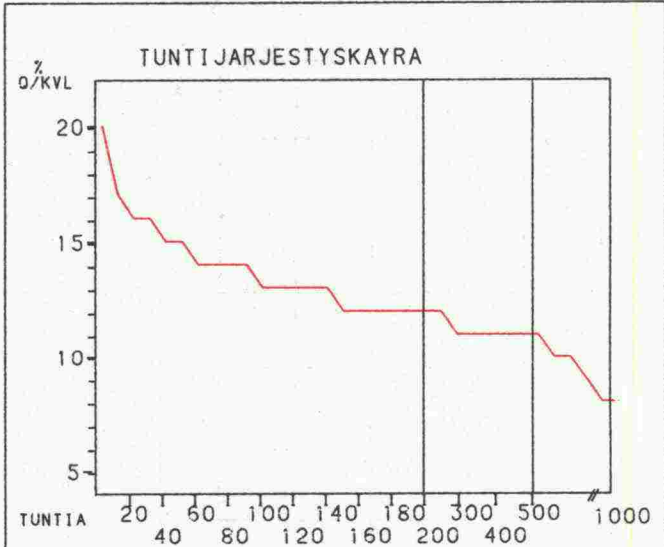
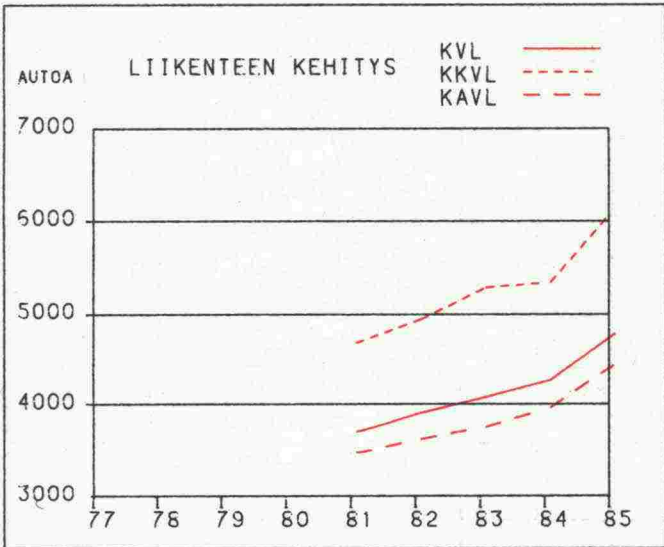
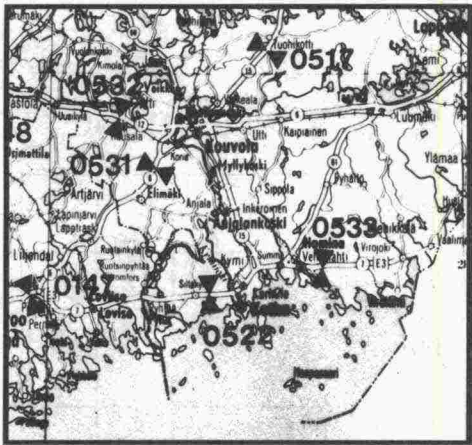




KVL 4761 B' (SU/KESA) 1.21  
 KAVL 4407  
 KKVL 6117 D' 1.28

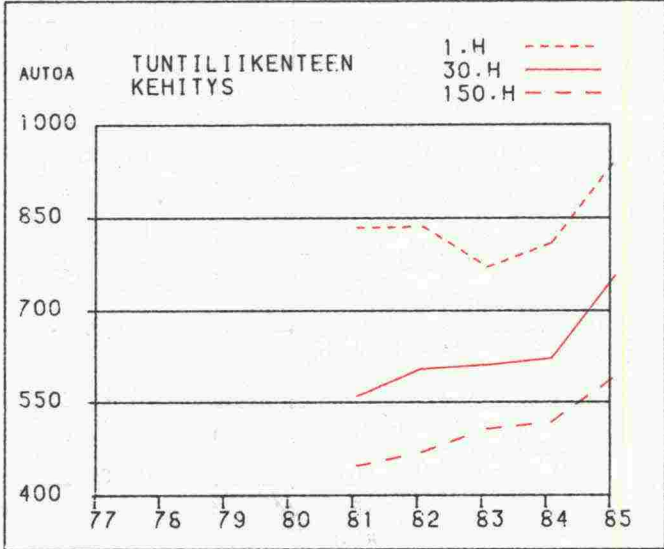
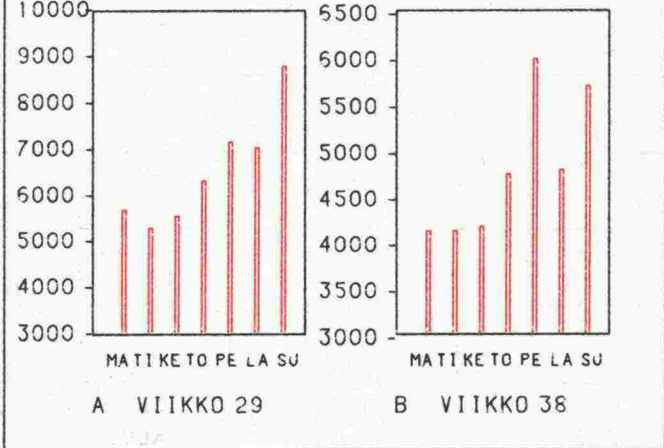
ARKILIIKENTEEN KOOSTUMUS

HA + PA 77 %  
 LA + KAIP 8 %  
 KAPP + KATP 15 %



H	O	PE-SU (*)	KERTYMA
1	943	100	0.1
50	709	100	2.2
100	638	99	4.2
150	591	97	5.9
300	513	88	10.7
1000	377	69	28.0
5000	156	42	87.2

(\*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSJU PE-SU:LLE

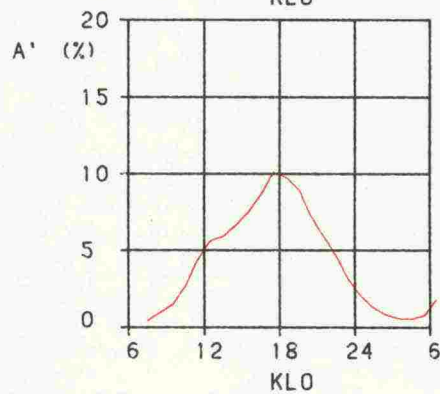
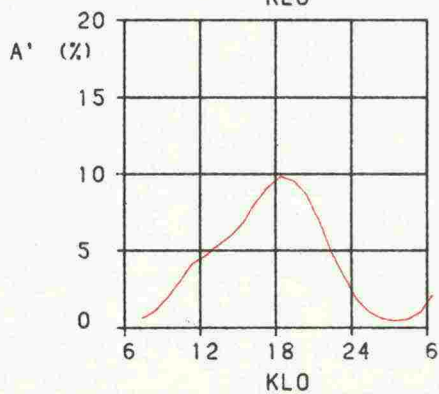
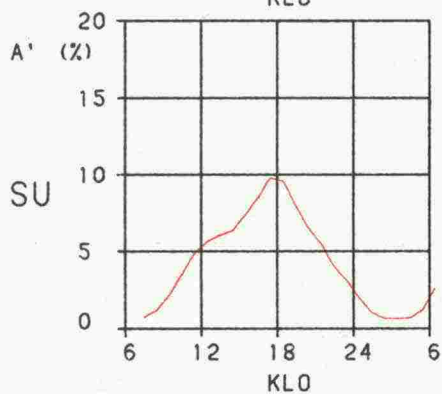
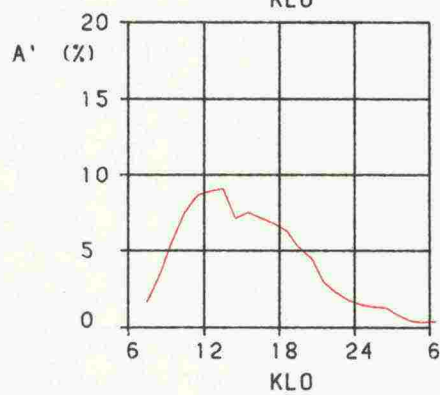
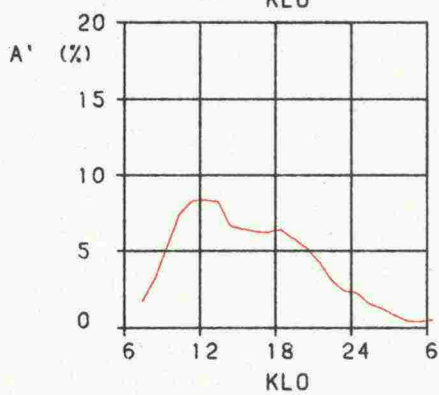
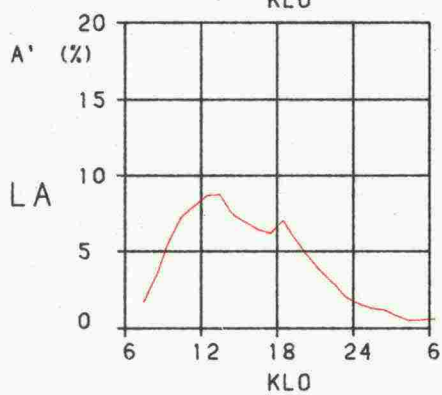
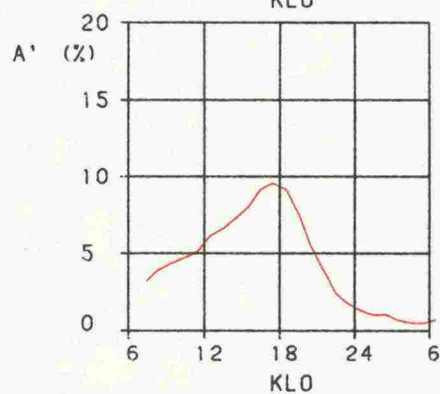
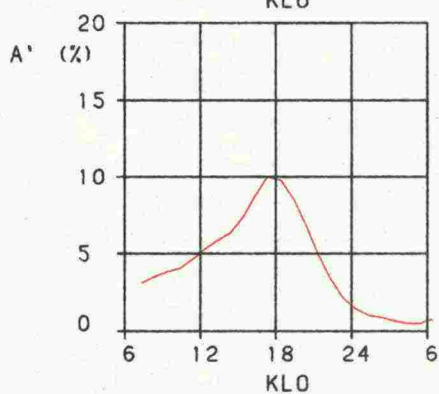
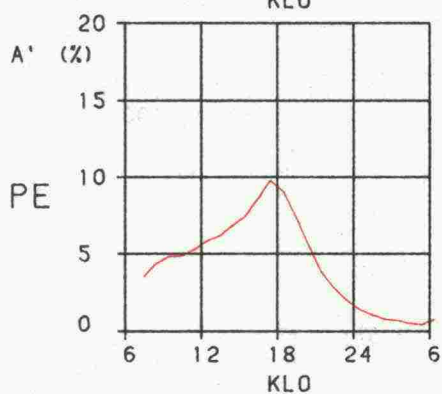
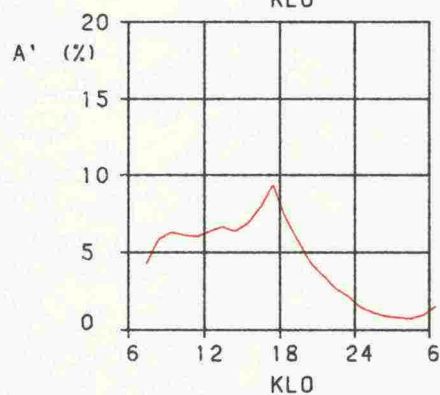
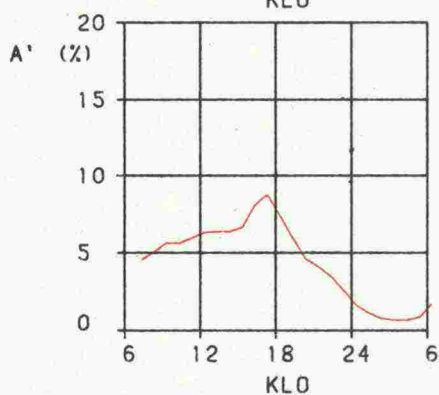
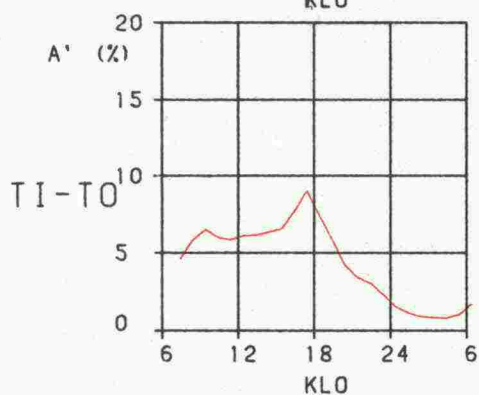
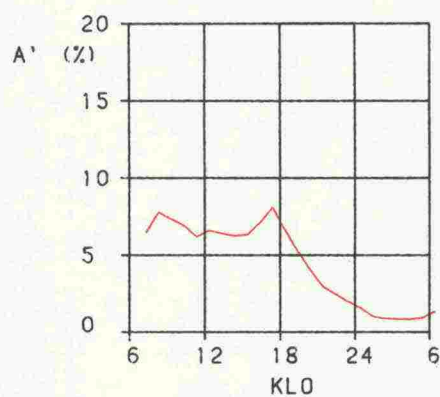
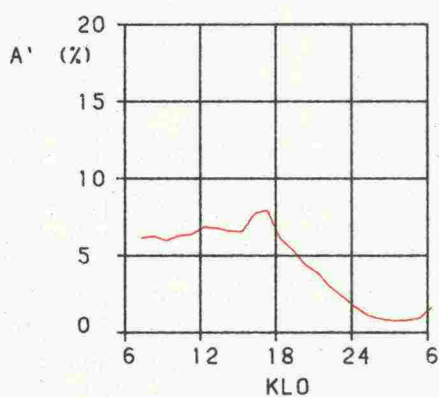
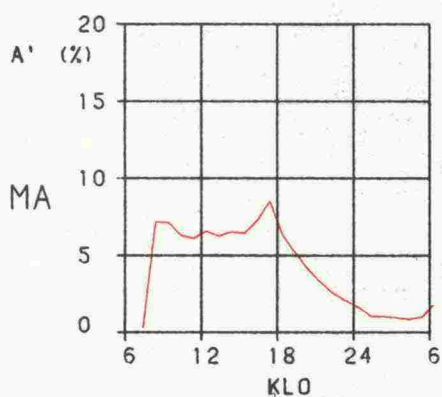


## TUNTI VAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU



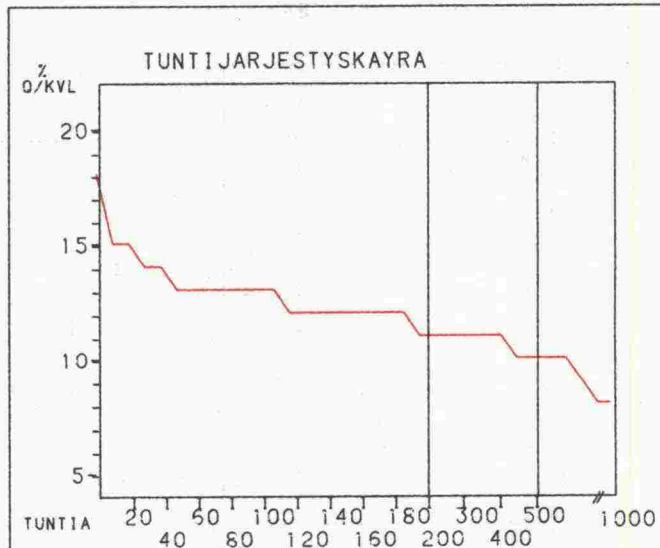
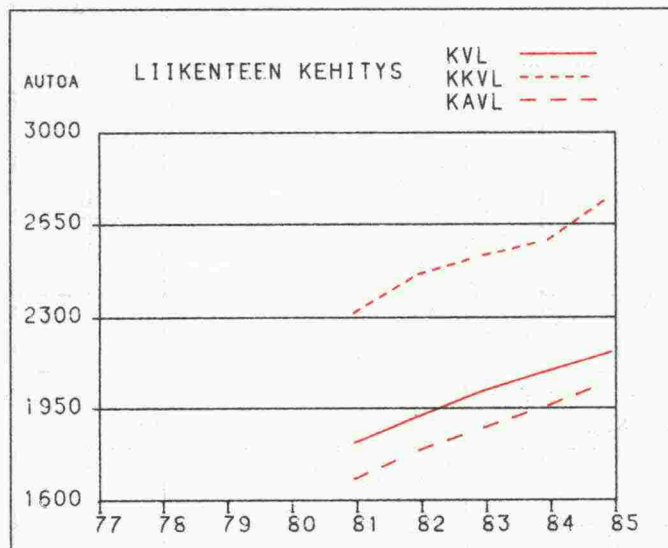
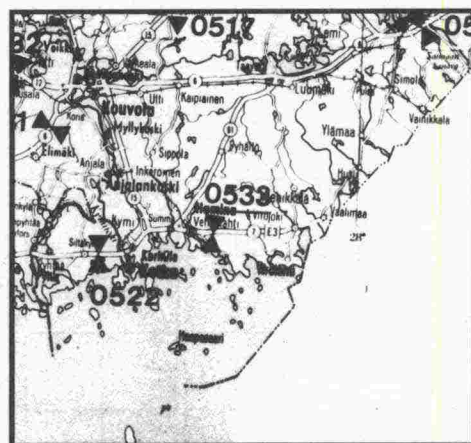


533 VEHKALAHTI 1985  
VT7 TIEOSA 36 ETAISYYS 0.2 KM

KVL 2162 B' (SU/KESA) 1.12  
KAVL 2047  
KKVL 2752 D' 1.27

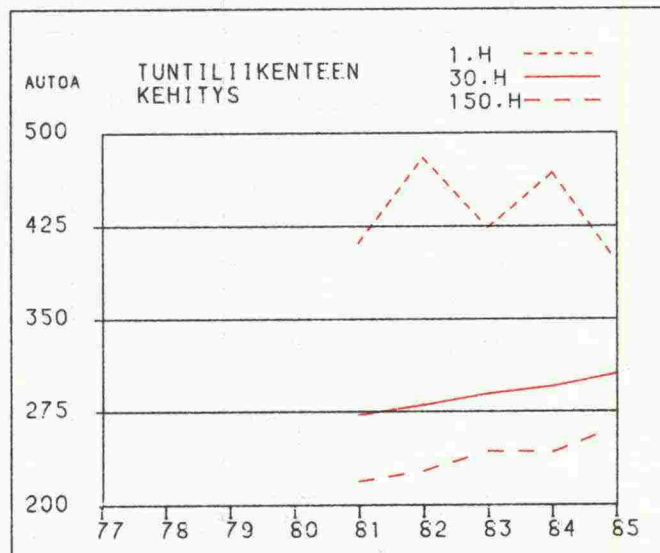
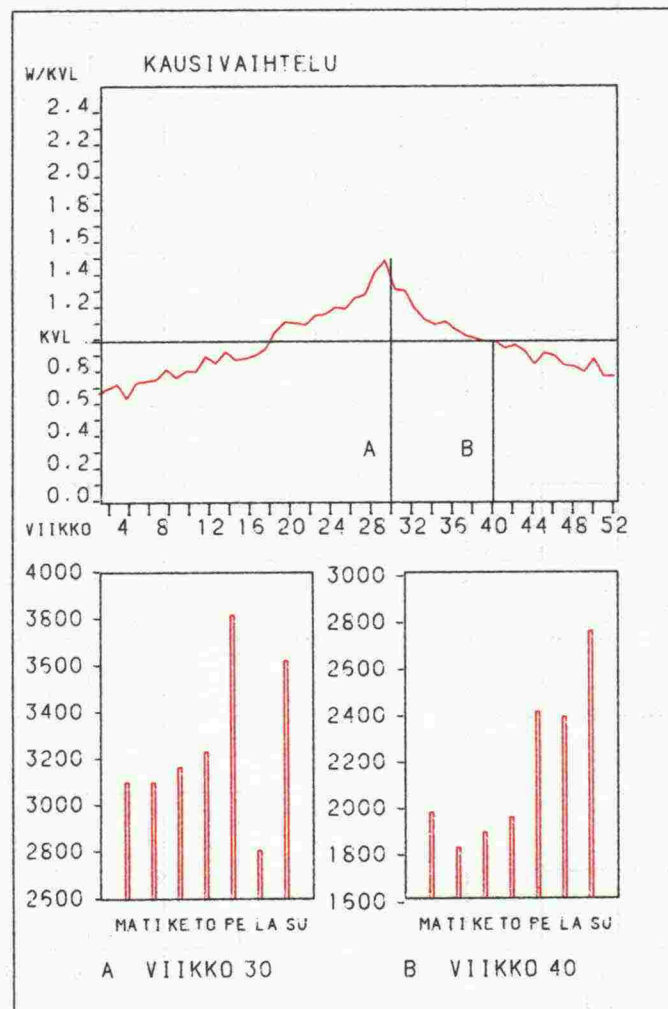
# ARKILIIKENTEEN KOOSTUMUS

HA + PA 83 %  
LA + KAIP 9 %  
KAPP + KATP 8 %



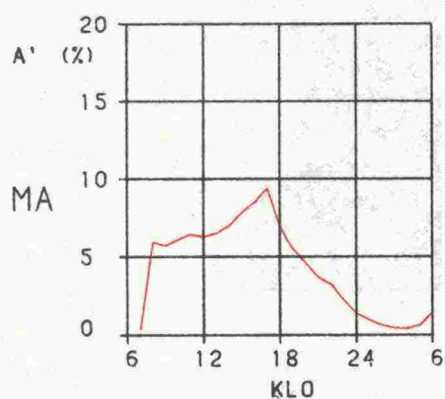
H	Q	PE-SU (*)	KERTYMA
1	395	100	0.1
50	290	96	2.0
100	275	95	3.8
150	262	90	5.5
300	229	79	10.1
1000	174	60	27.5
5000	74	42	87.9

(\*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUJ PE-SU:LE

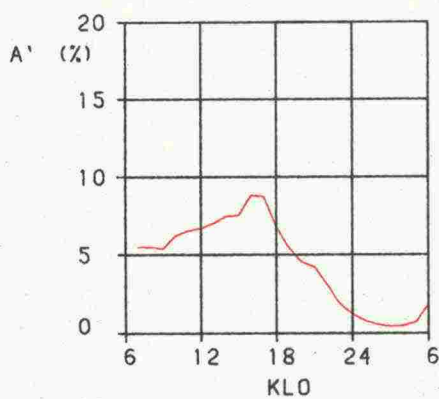


## TUNTI VAIHTELUT

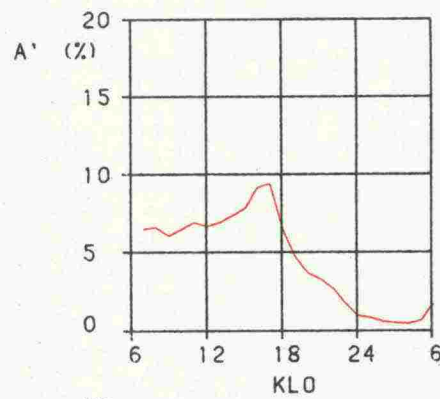
HELMIKUU



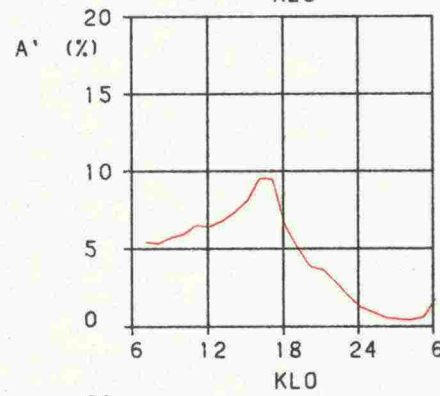
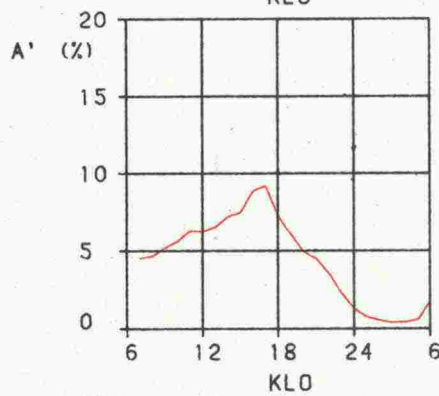
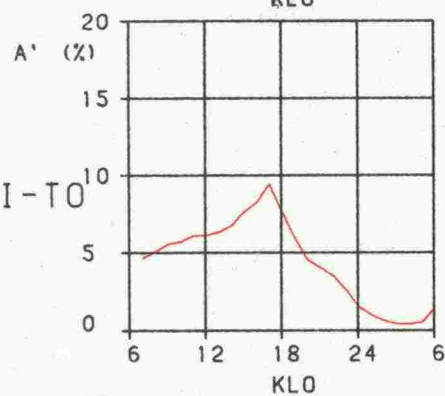
HEINAKUU



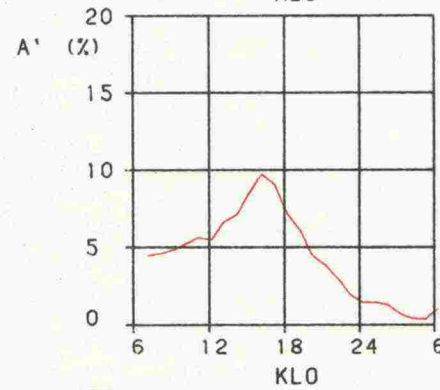
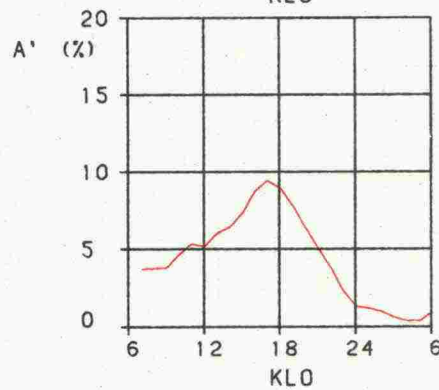
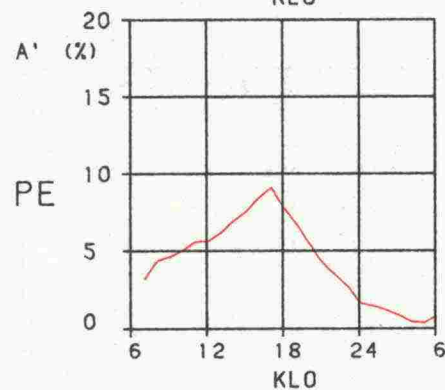
LOKAKUU



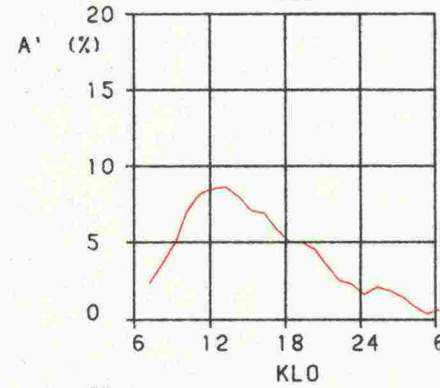
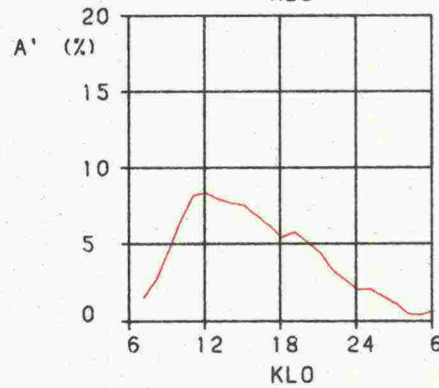
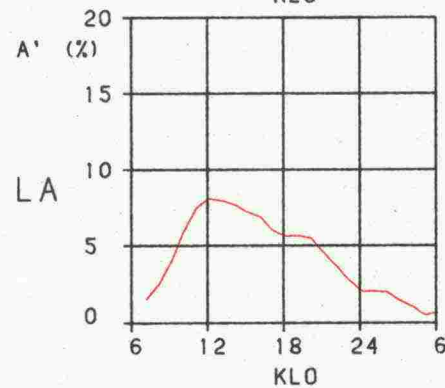
TI-TO



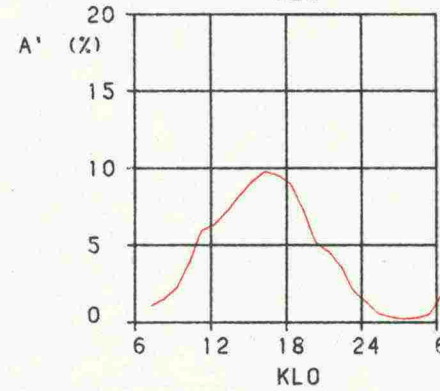
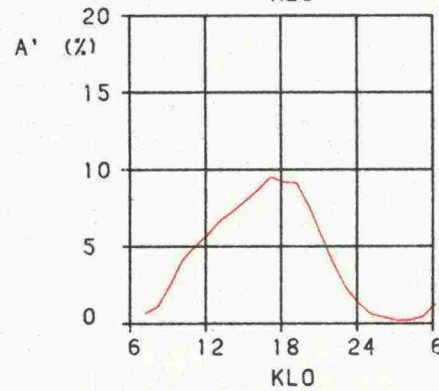
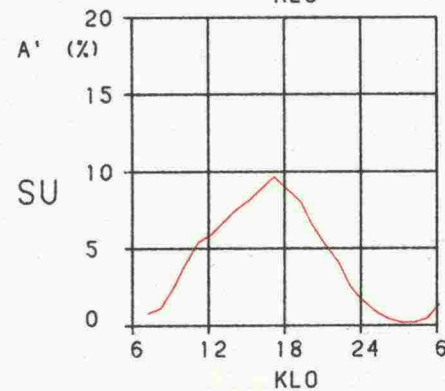
PE



LA



SU





KVL 2971

B' (SU/KESA) 1.15

KAVL 2725

KKVL 4106

D' 1.38

ARKILIIKENTEEN KOOSTUMUS

HA + PA

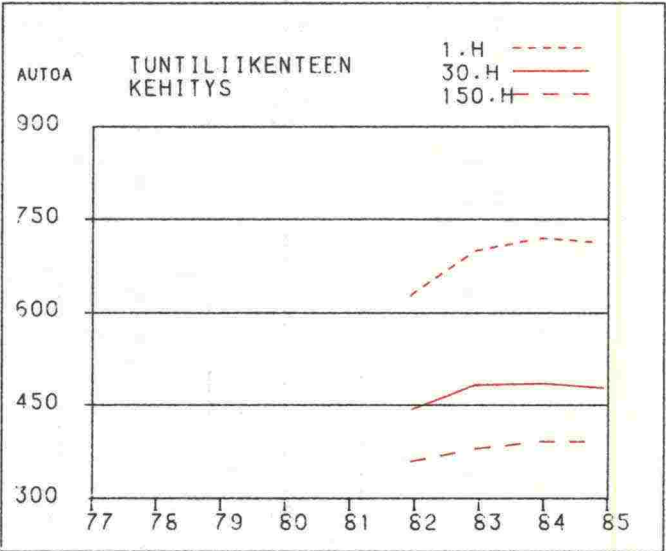
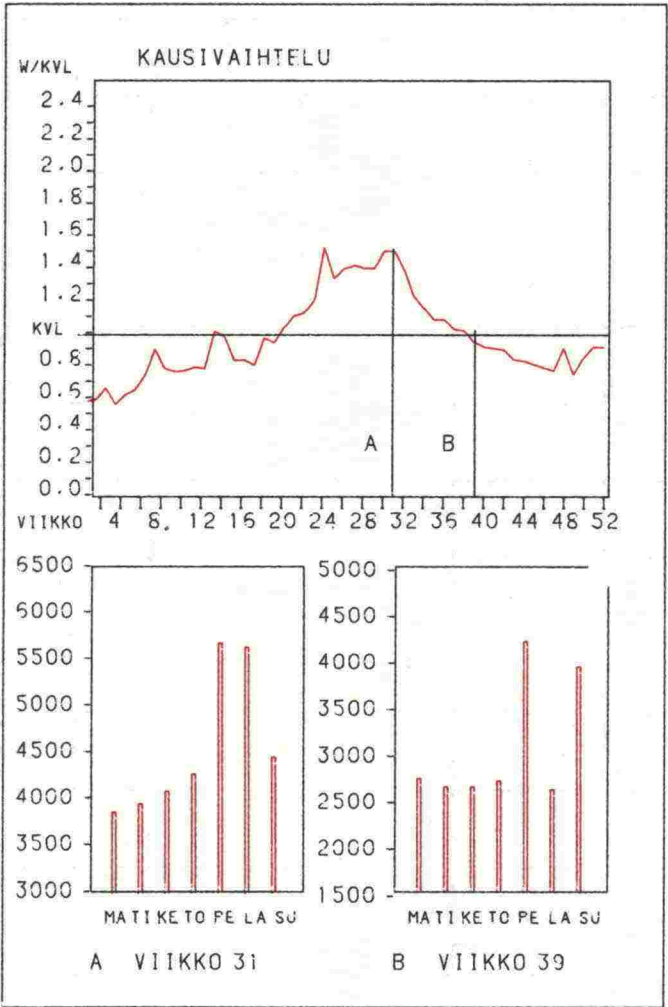
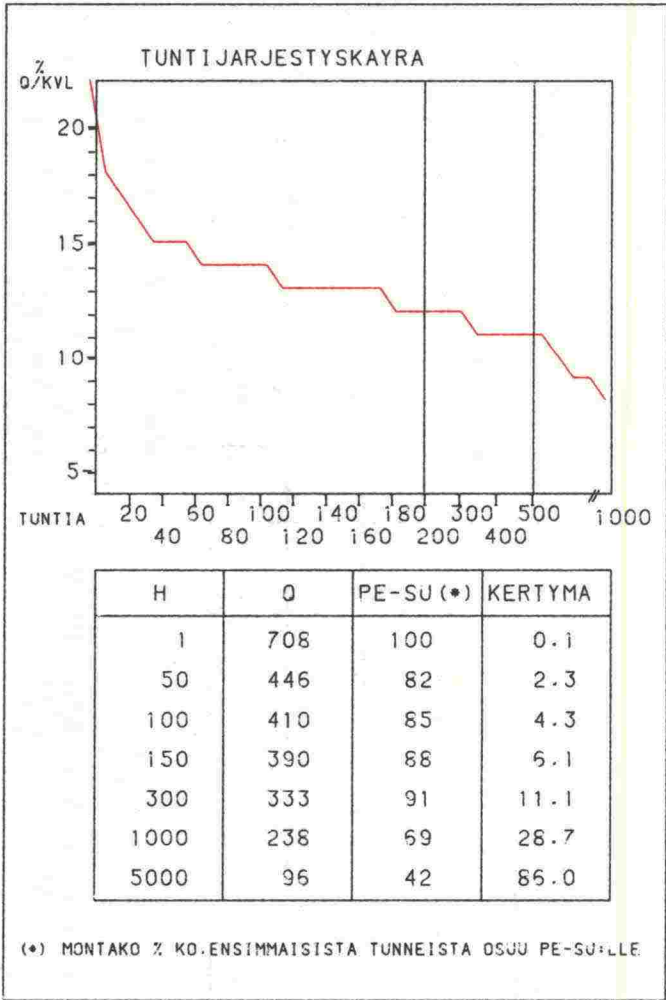
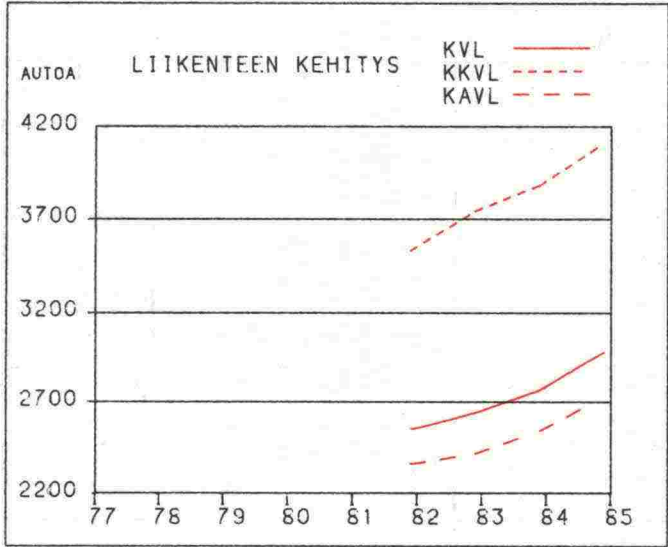
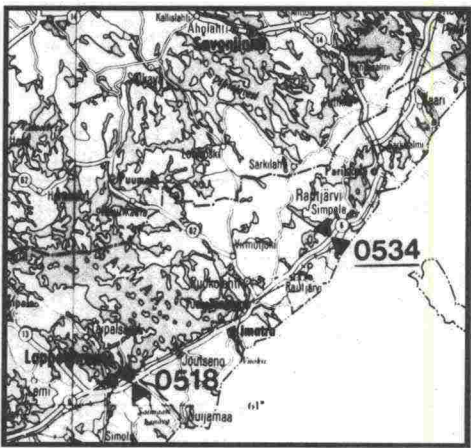
82 %

LA + KAIP

7 %

KAPP + KATP

11 %

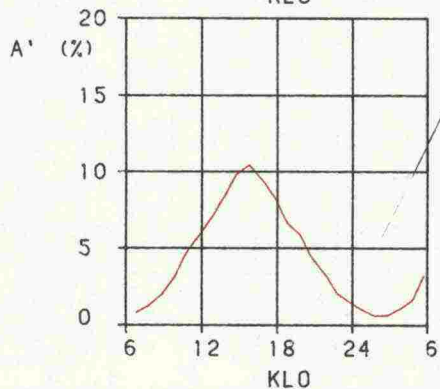
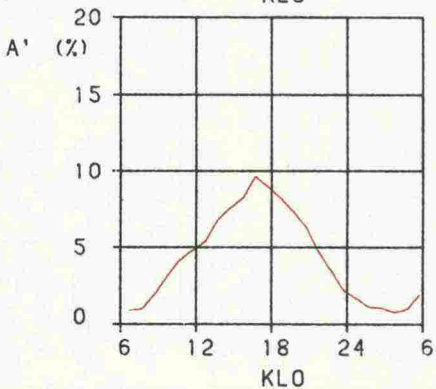
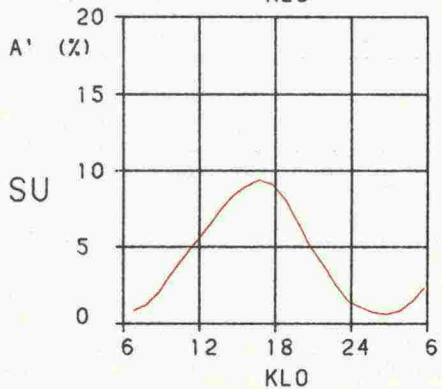
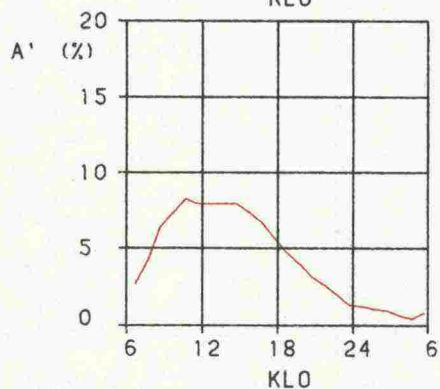
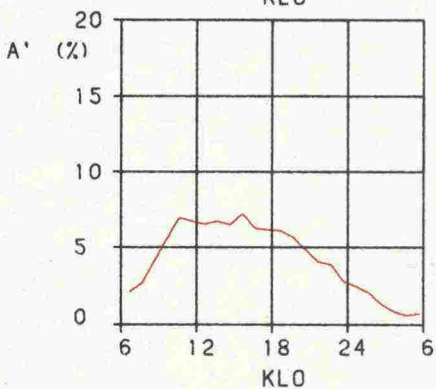
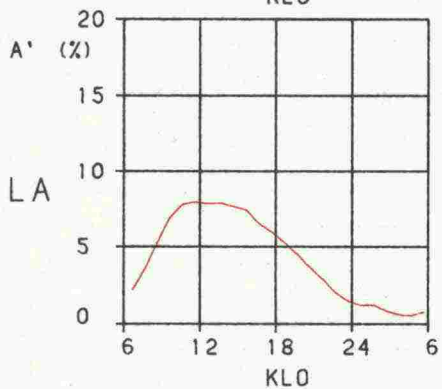
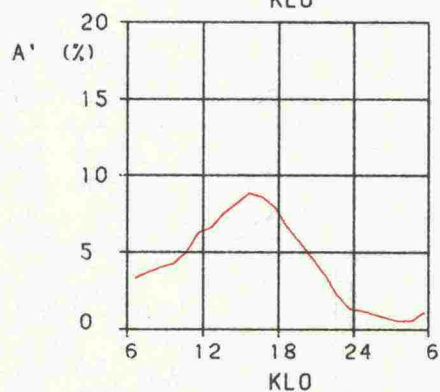
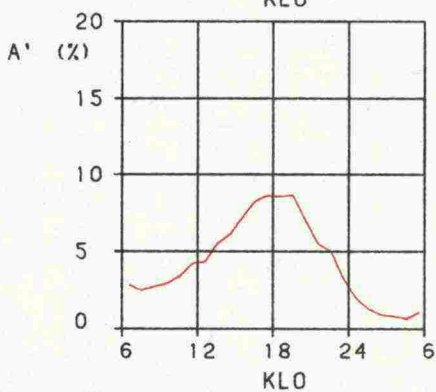
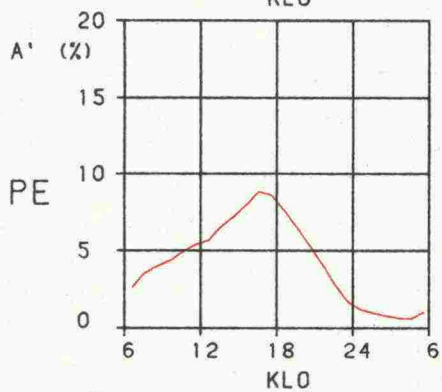
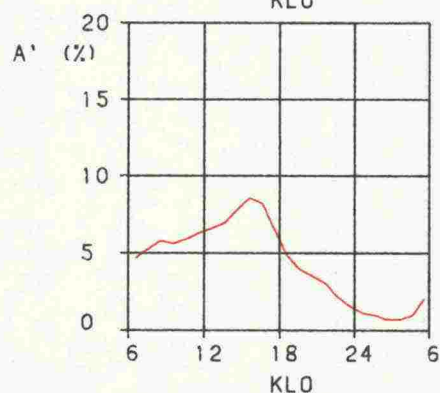
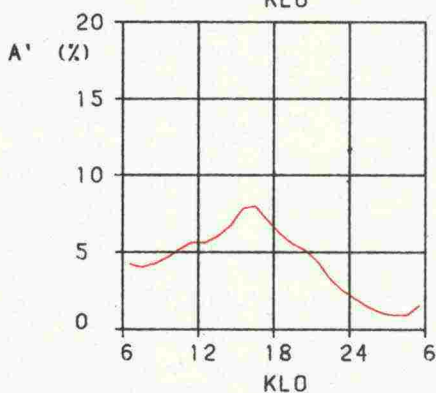
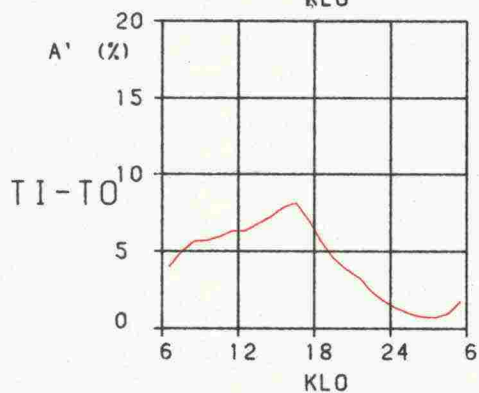
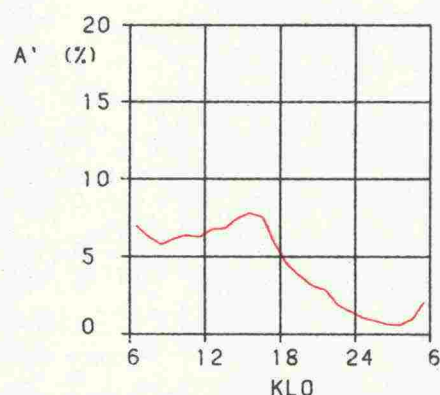
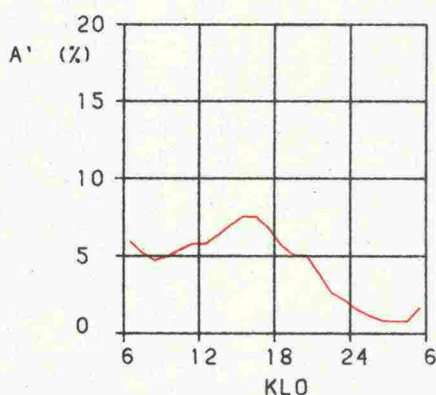
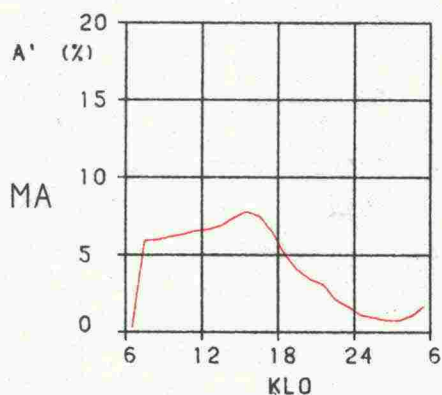


## TUNTI VAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU



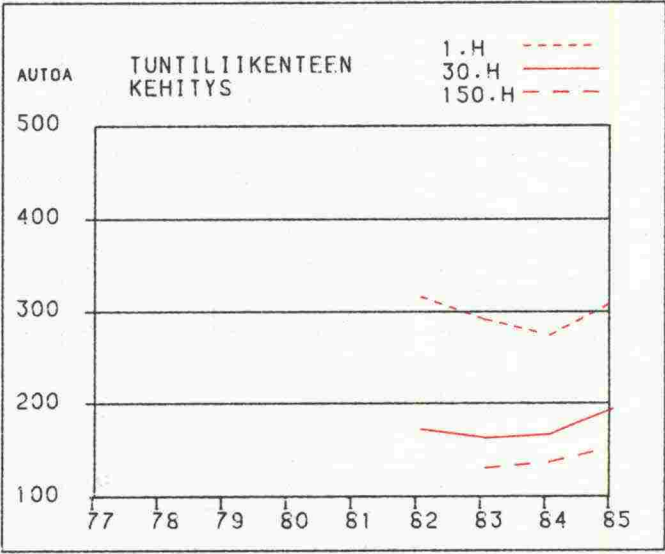
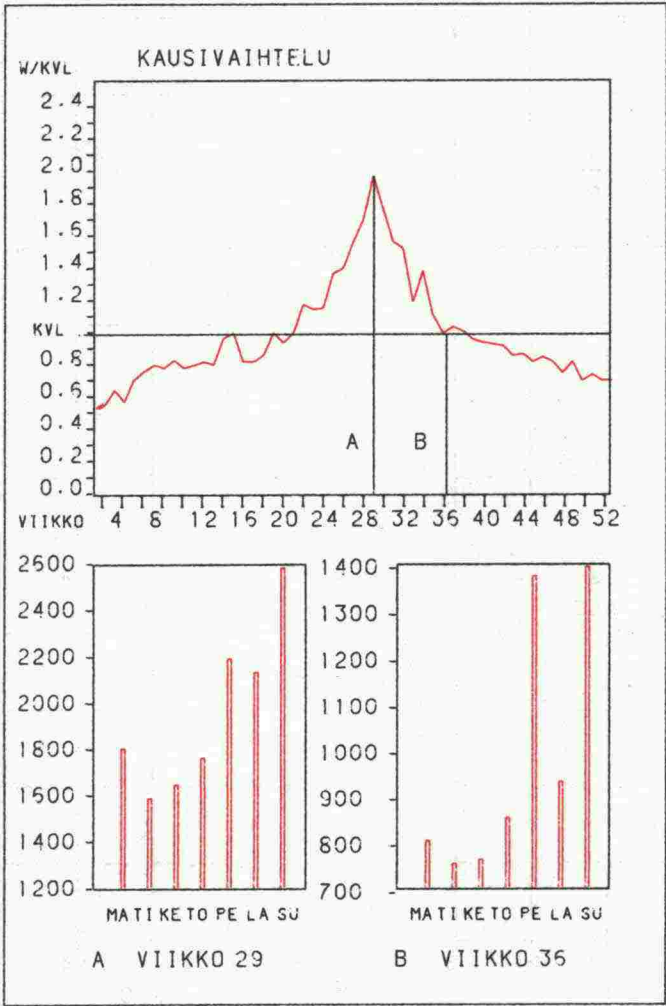
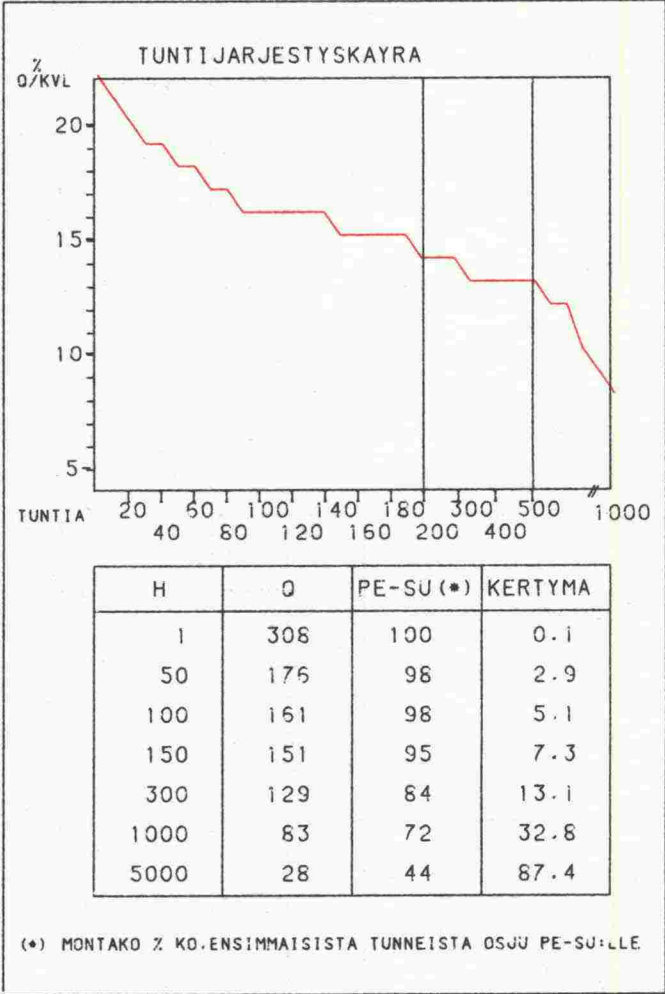
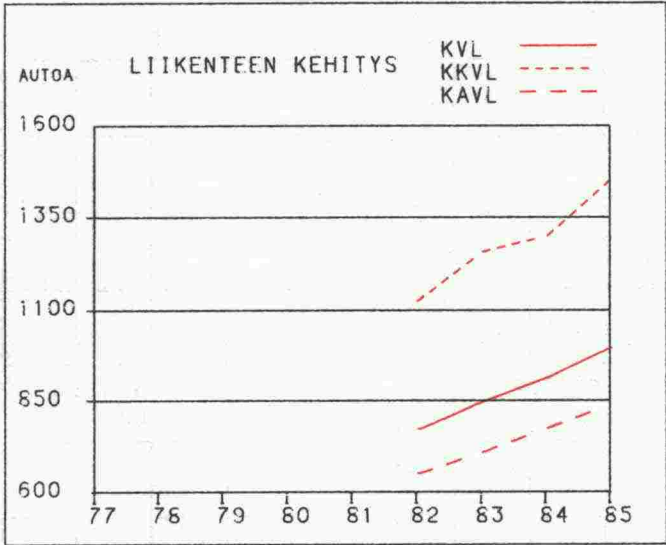
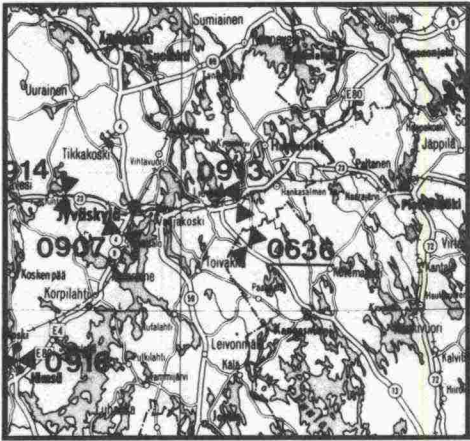


KVL 986  
KAVL 833  
KKVL 1445

B' (SU/KESA) 1.32  
D' 1.46

ARKILIIKENTEEN KOOSTUMUS

HA + PA 83 %  
LA + KAIP 6 %  
KAPP + KATP 11 %

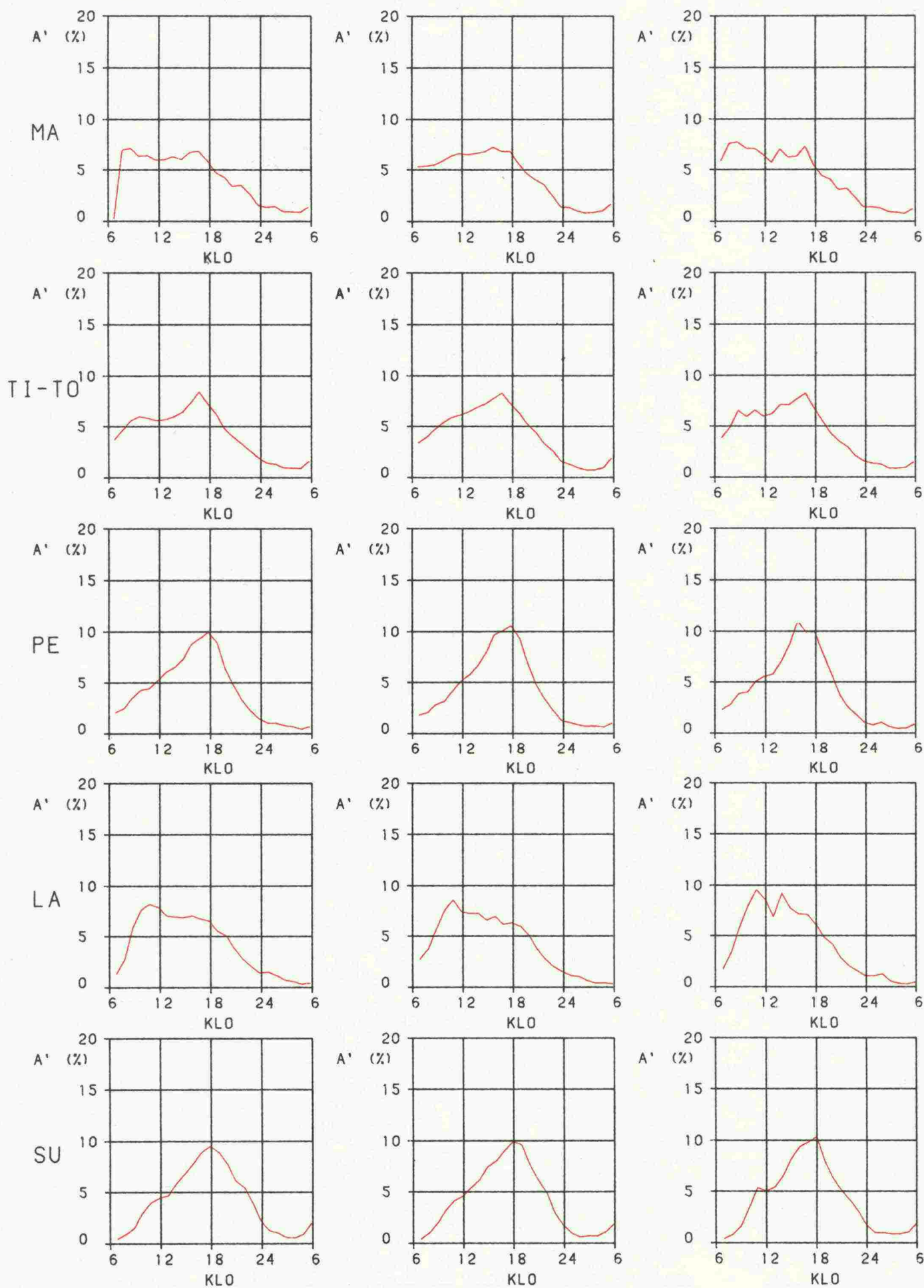


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU





639 PUNKAHARJU 1985  
VT14 TIEOSA 21 ▶ ETAISYYS 3.6 KM

KVL 2576 B' (SU/KESA) 1.04

KAVL 2545

KKVL 4124

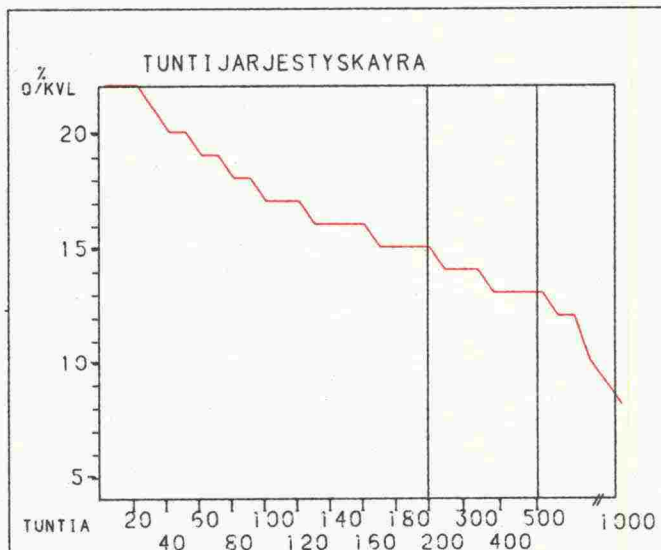
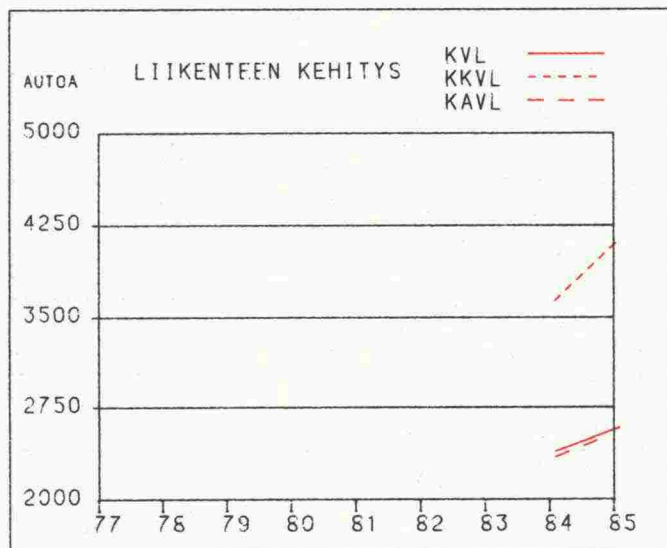
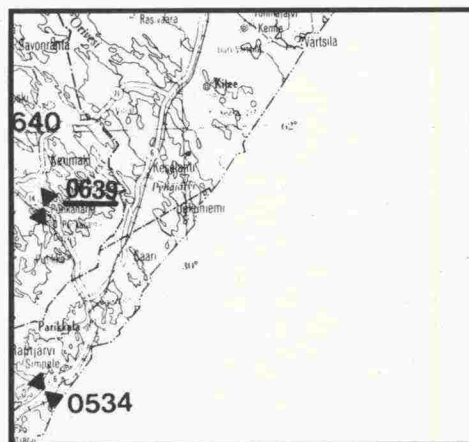
KKVL 4124 D' 1.60

# ARKILIIKENTEEN KOOSTUMUS

HA + PA 87 %

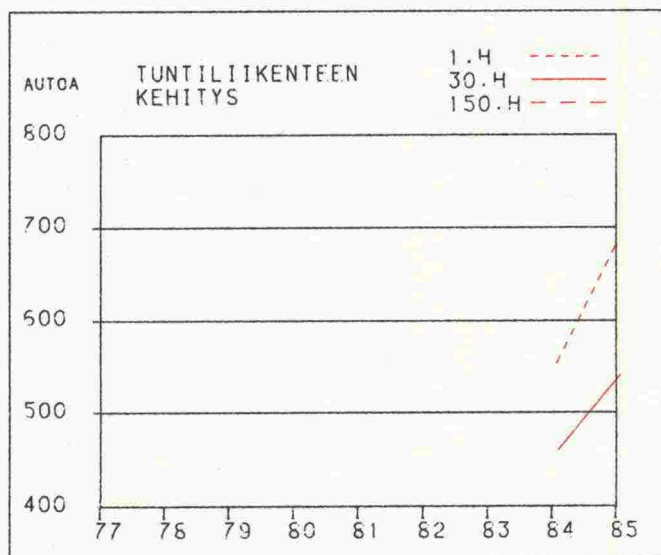
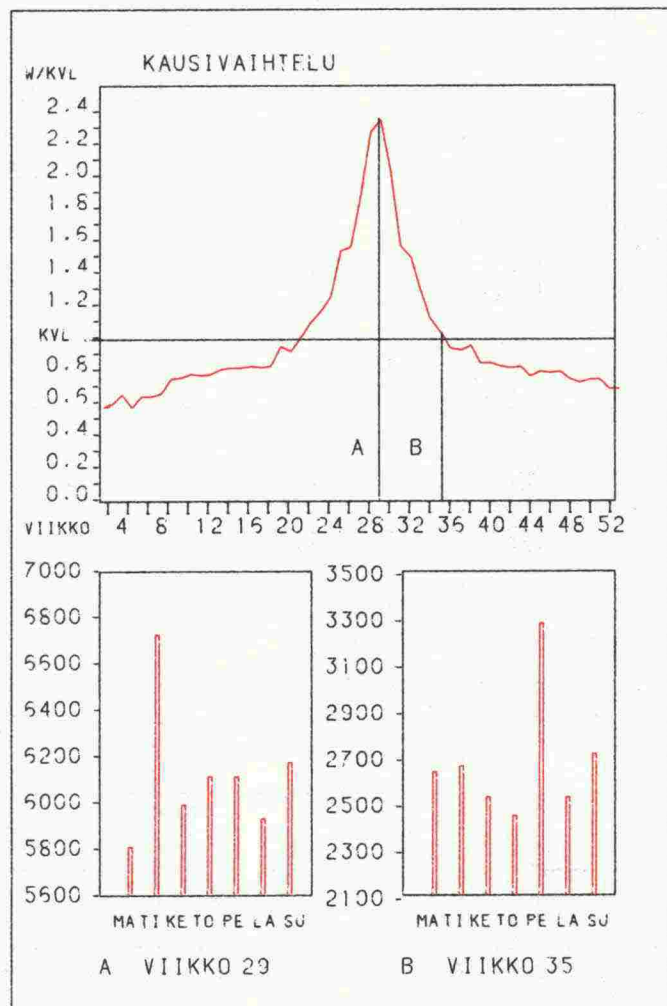
LA + KAIP 8 %

KAPP + KATP 5 %



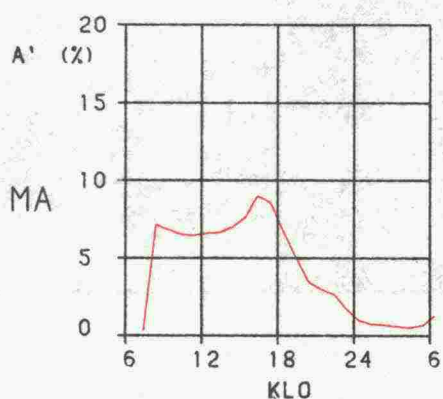
H	Q	PE-SU (*)	KERTYMA
1	691	100	0.1
50	505	50	3.0
100	449	52	5.5
150	408	53	7.6
300	335	53	13.7
1000	206	51	32.5
5000	75	41	89.6

(\*) MONTAKO 2 KO.ENSIMMAISISTA TUNNEISTA OSJUU PE-SU: LLE

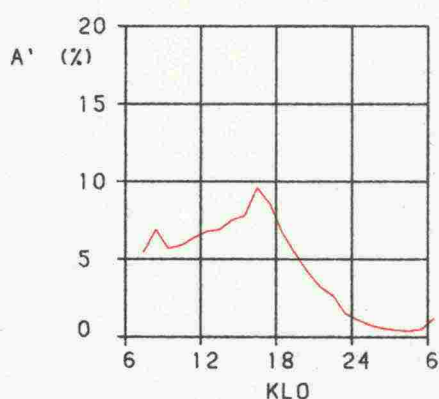


## TUNTIVAIHTELUT

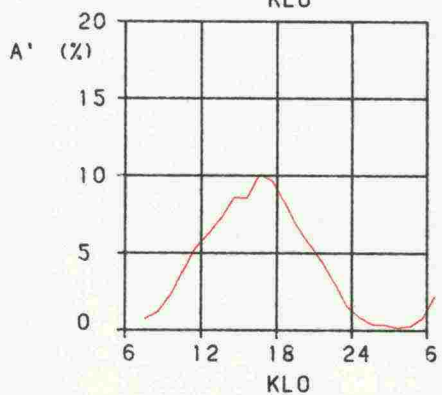
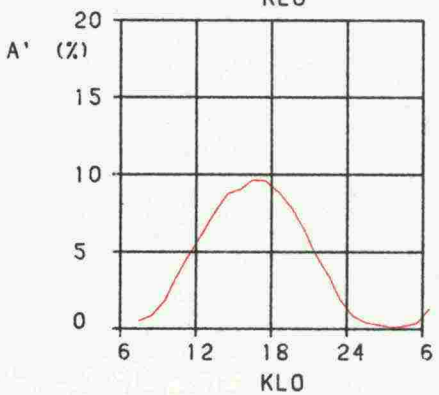
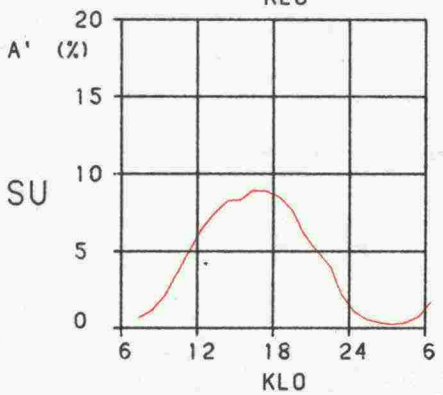
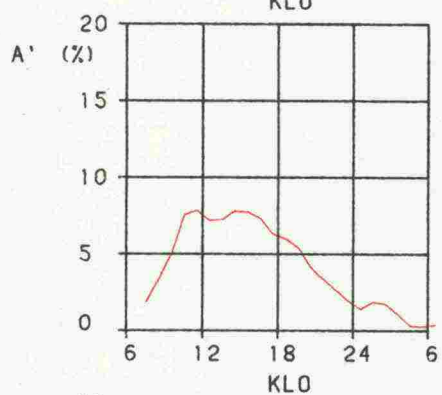
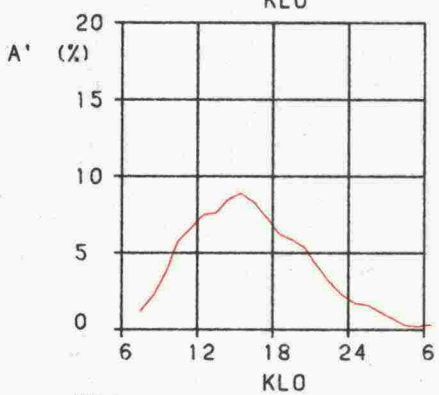
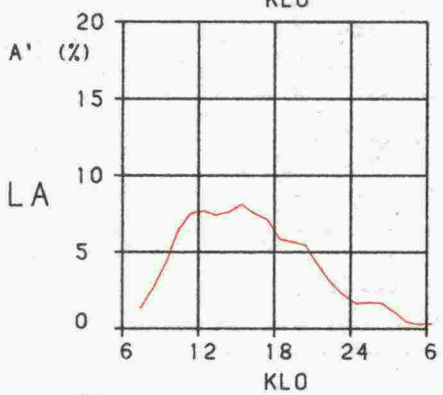
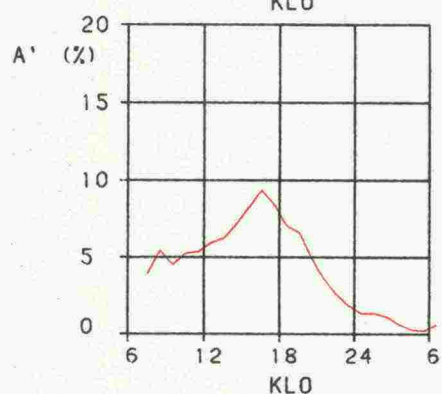
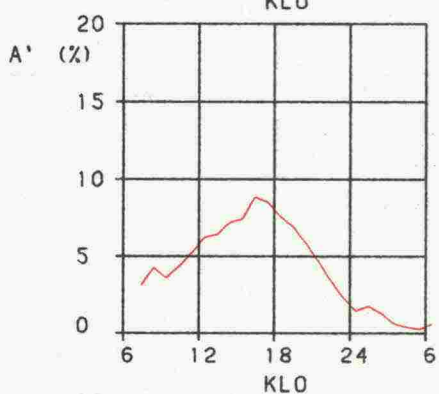
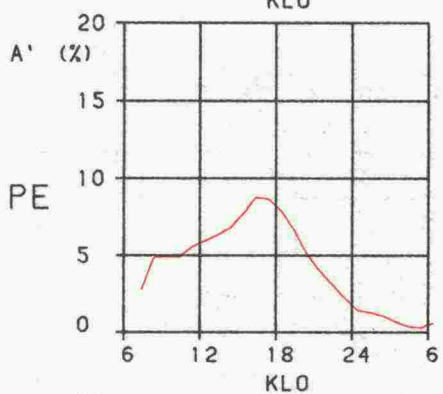
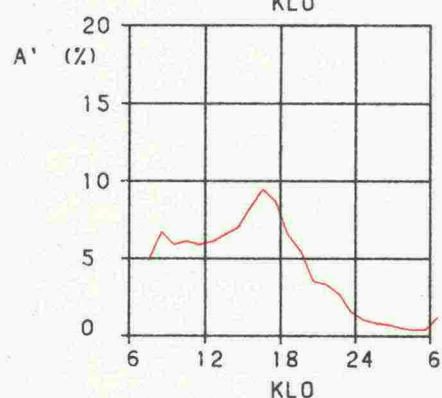
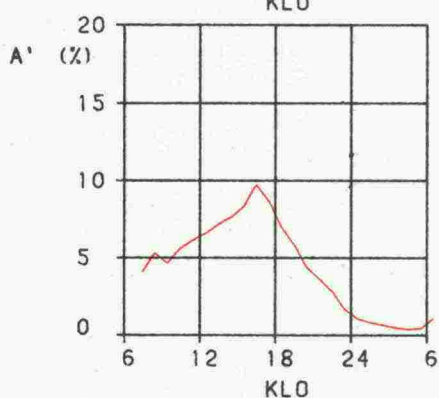
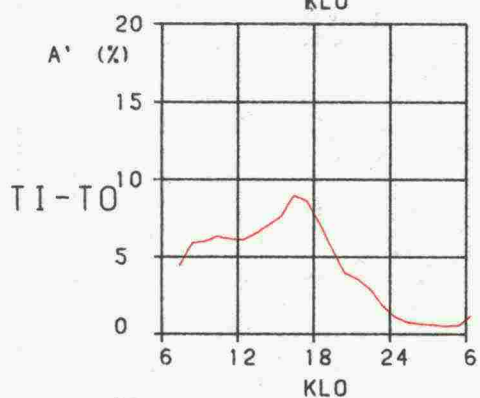
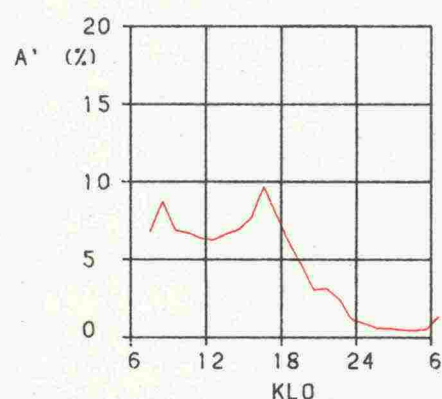
HELMIKUU



HEINAKUU

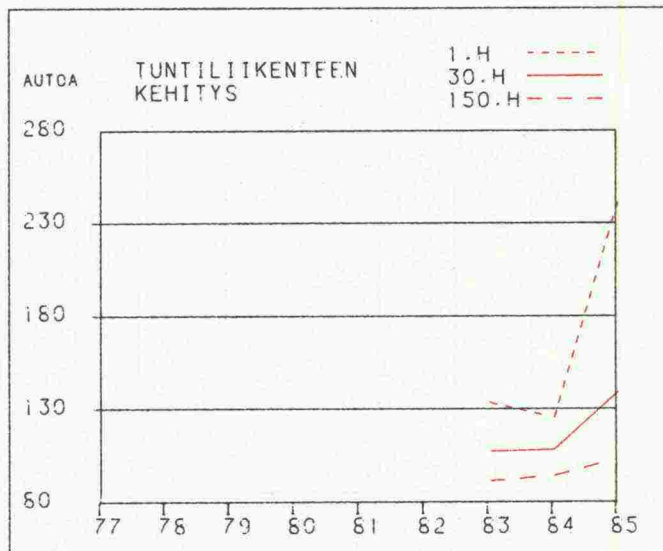
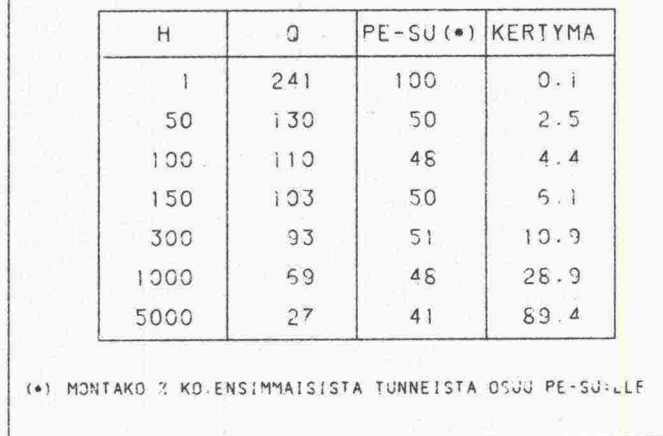
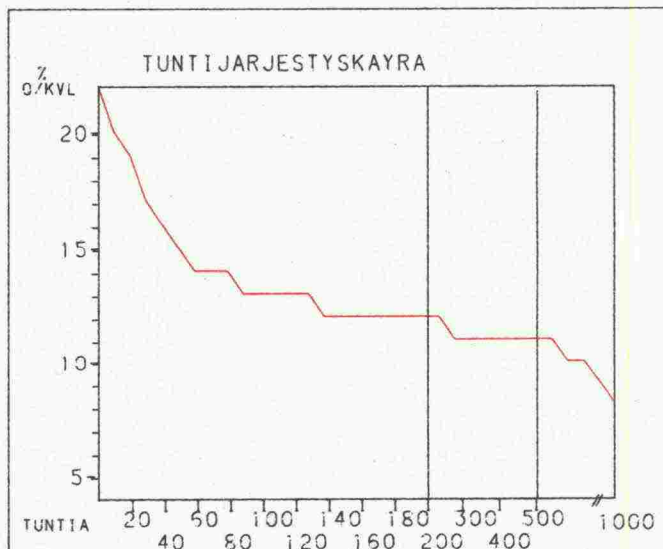


LOKAKUU





# ARKILIIKENTEEN KOOSTUMUS

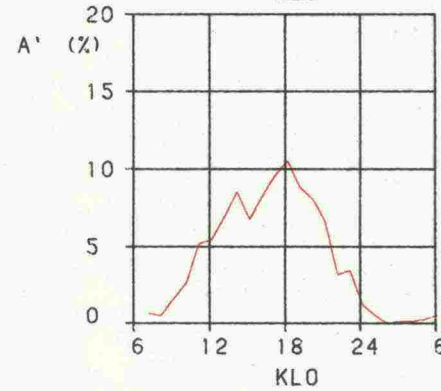
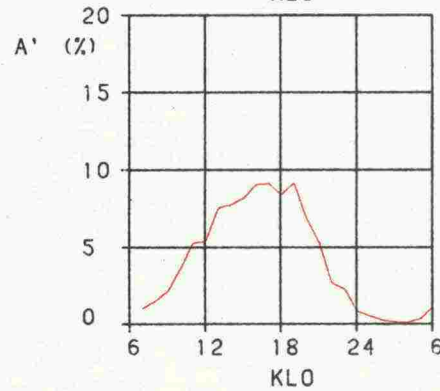
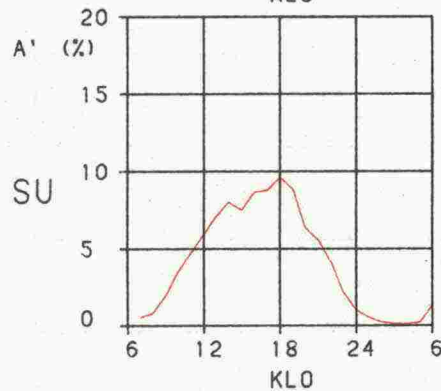
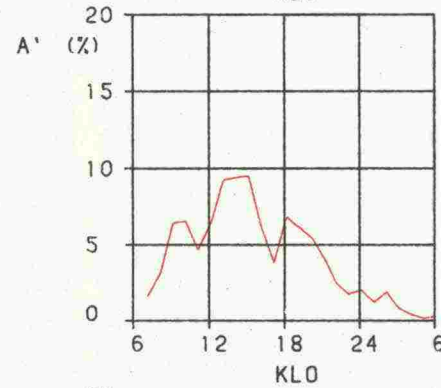
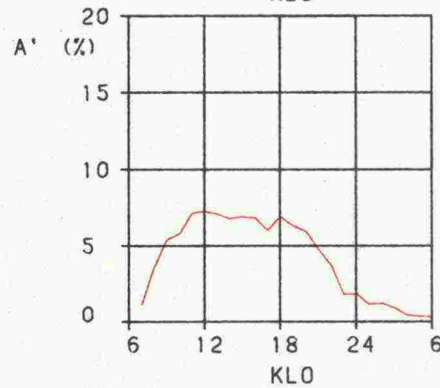
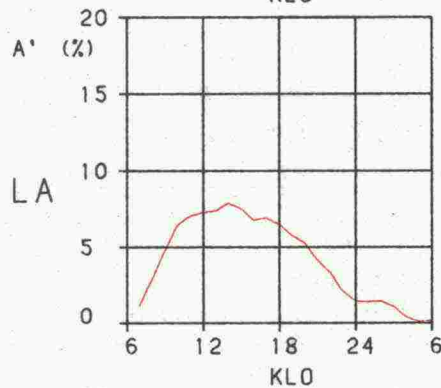
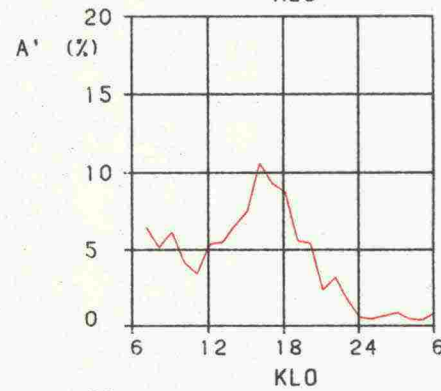
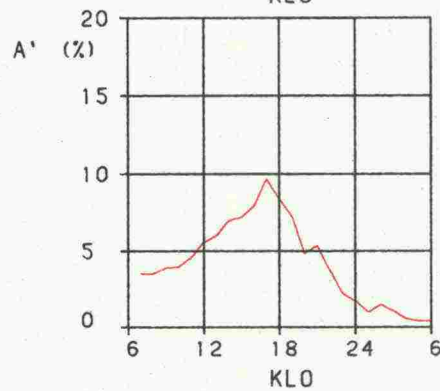
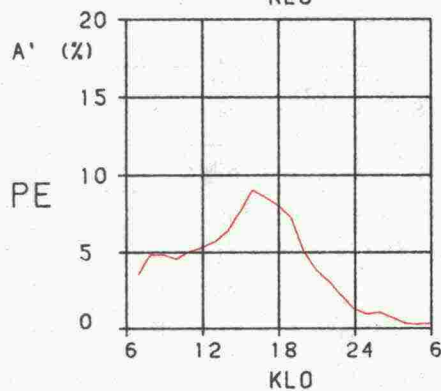
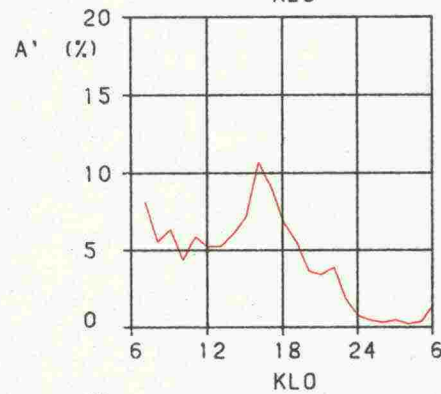
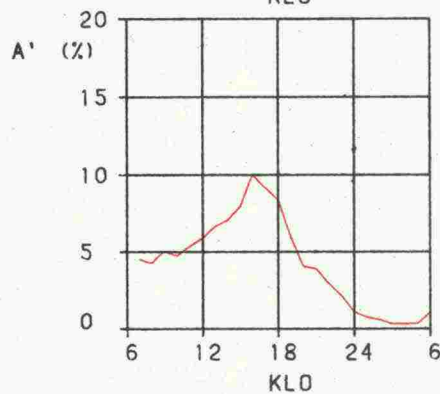
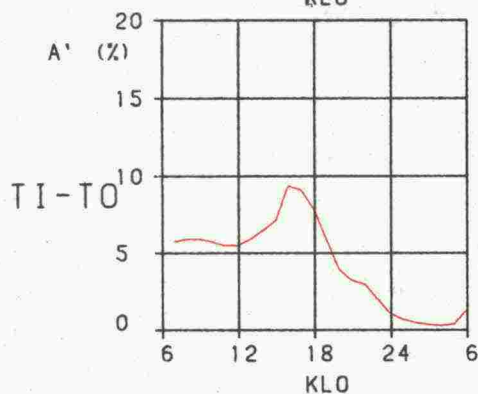
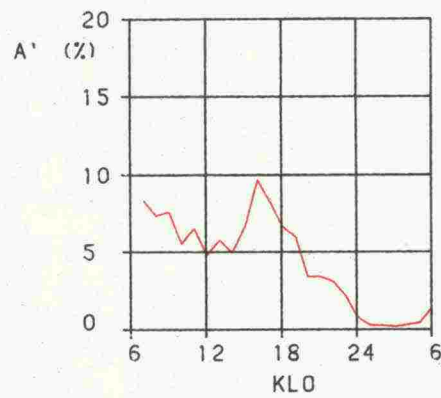
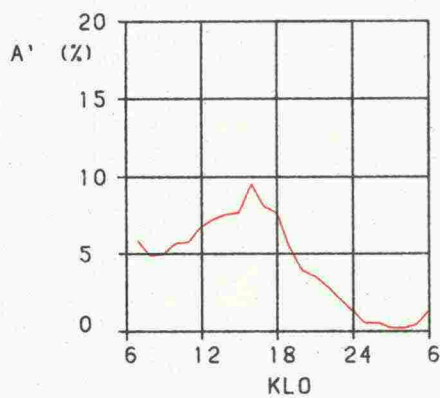
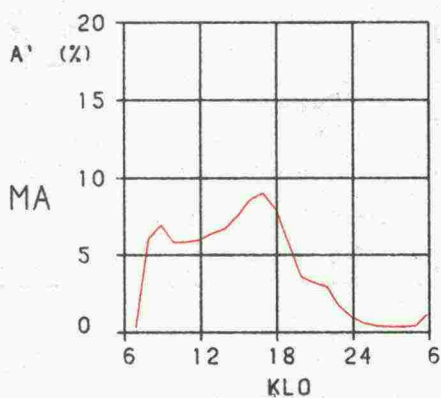


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU



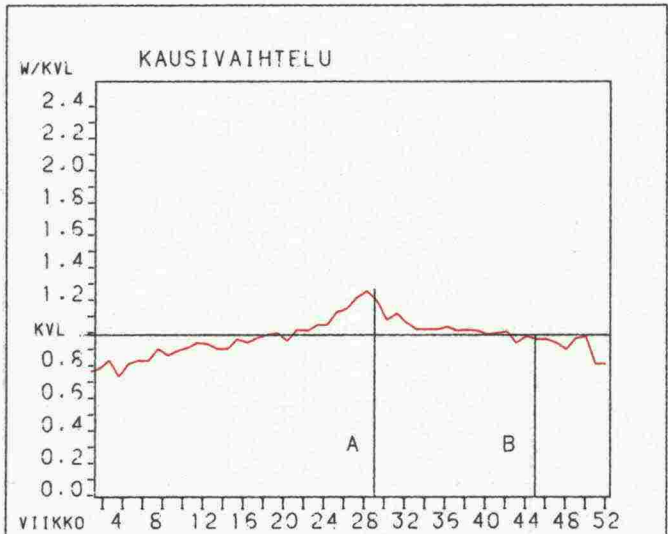
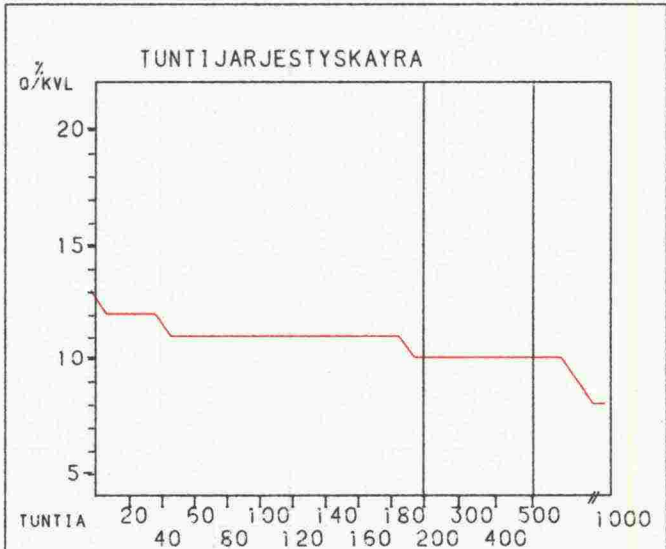
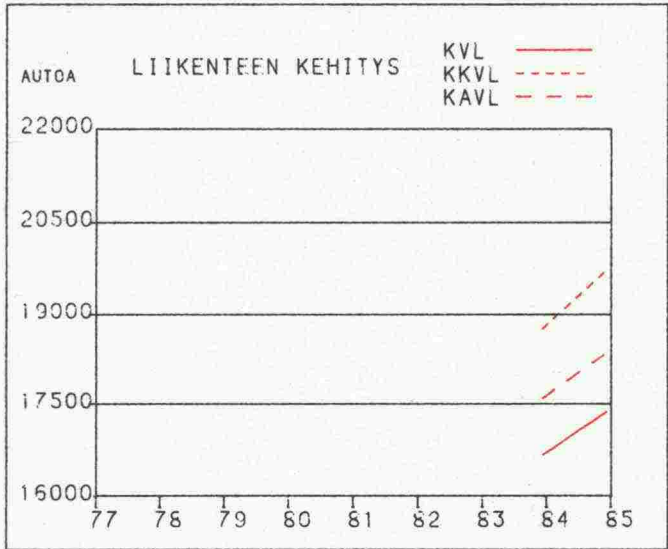
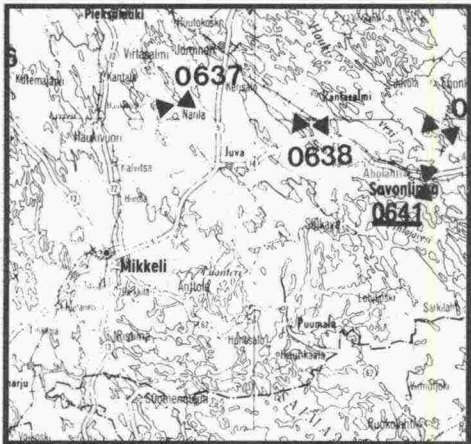


641 SAVONLINNA 1985  
VT14 TIEOSA 15 ETAISYYS 1.2 KM

KVL 17368 B' (SU/KESA) 0.73  
KAVL 18324  
KKVL 19710 D' 1.13

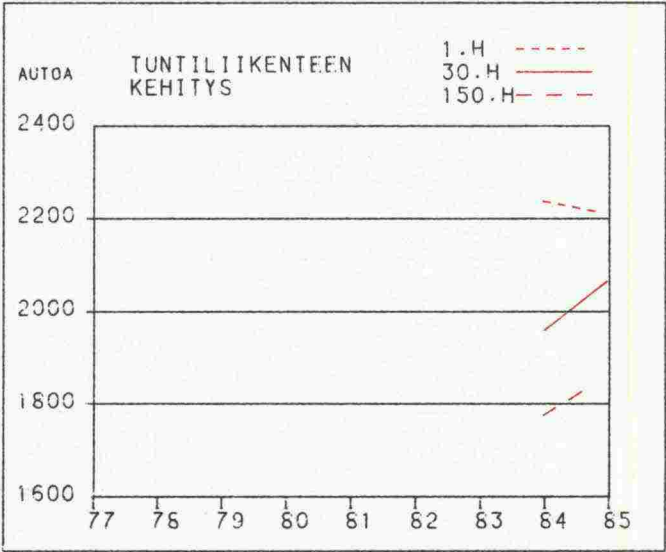
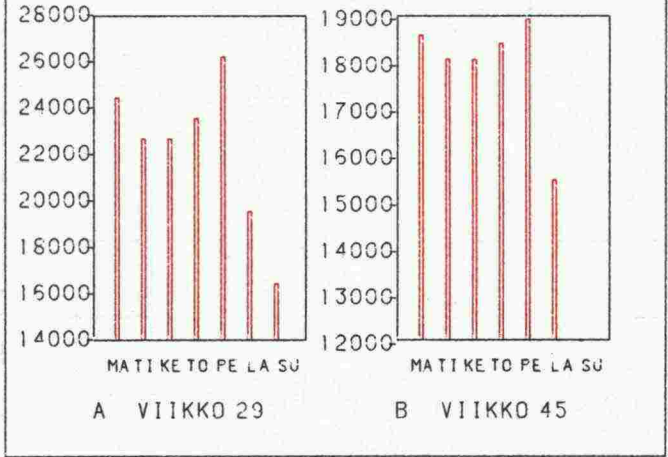
ARKILIIKENTEEN KOOSTUMUS

HA + PA 92 %  
LA + KAIP 6 %  
KAPP + KATP 2 %



H	Q	PE-SU(*)	KERTYMA
1	2209	100	0.0
50	1996	78	1.6
100	1917	59	3.2
150	1861	50	4.7
300	1740	36	8.9
1000	1353	36	25.6
5000	615	38	87.8

(\*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUJ PE-SU:LLE

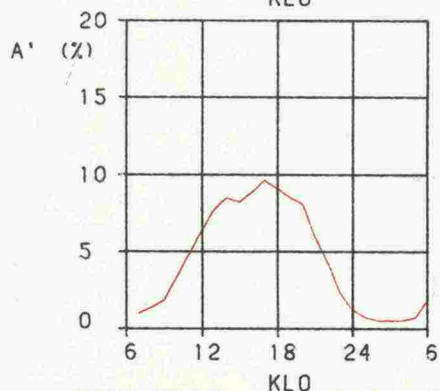
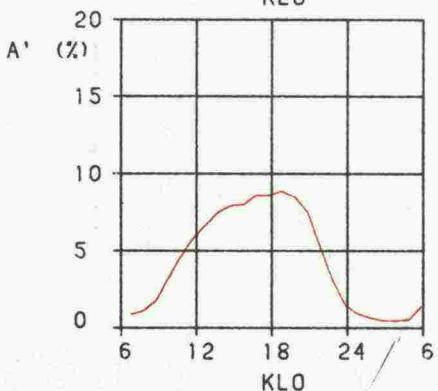
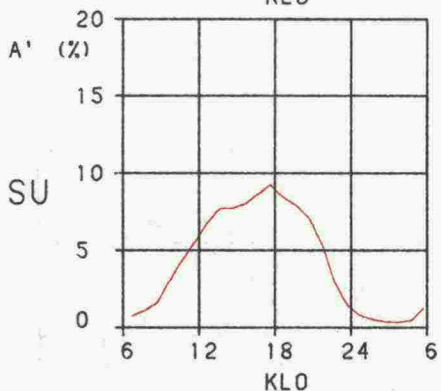
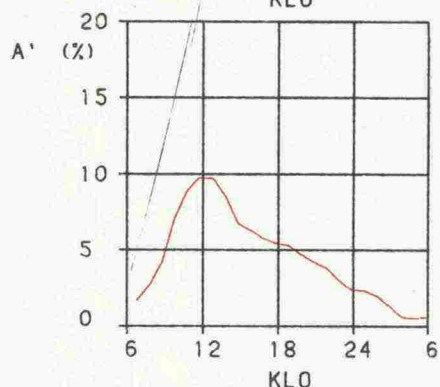
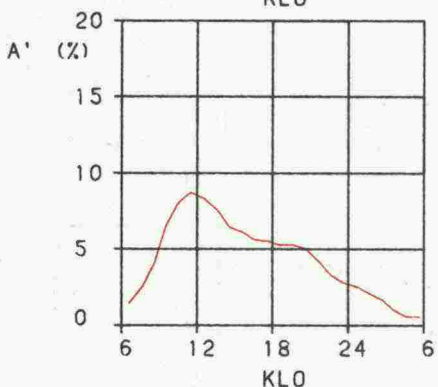
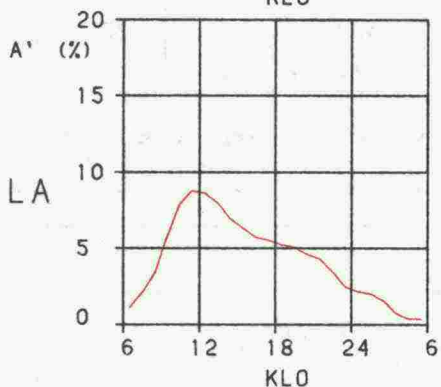
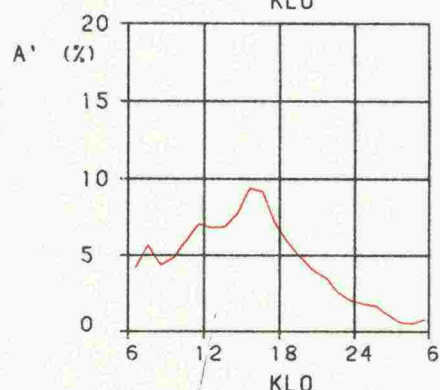
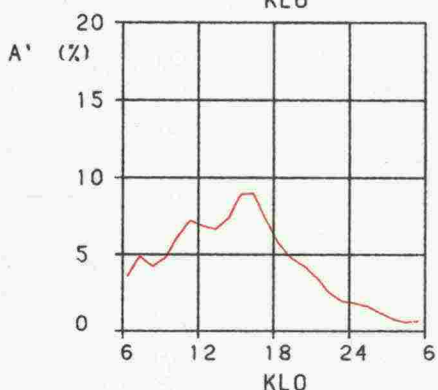
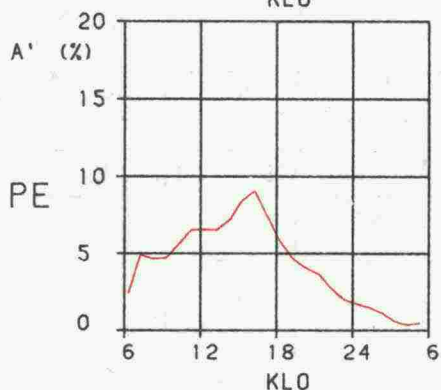
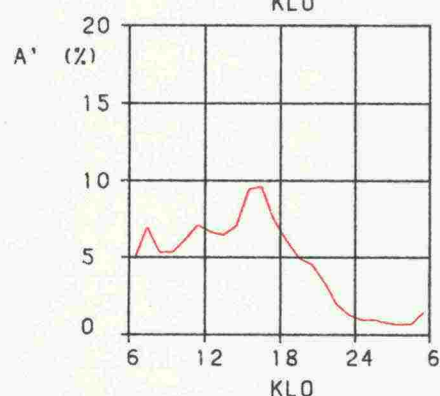
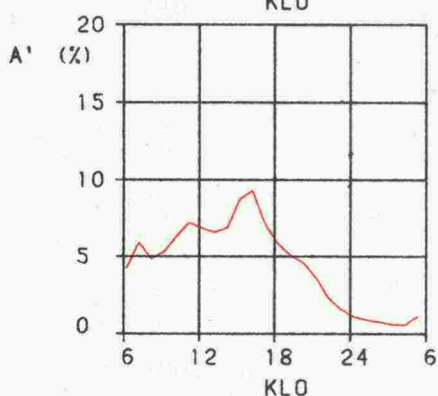
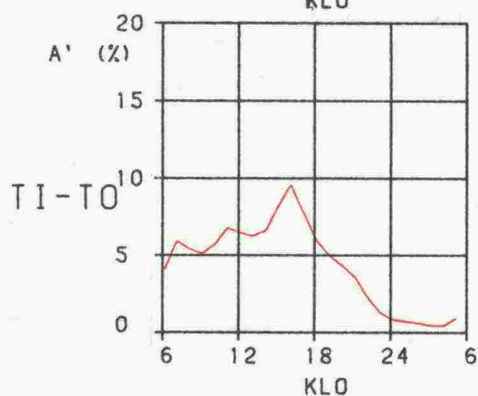
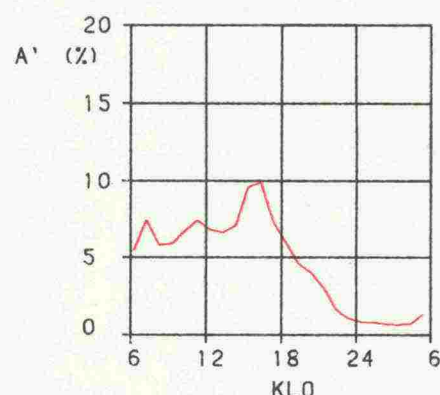
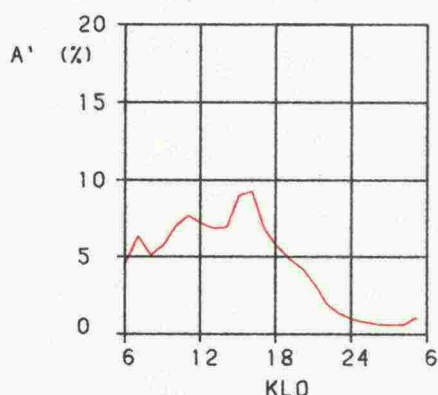
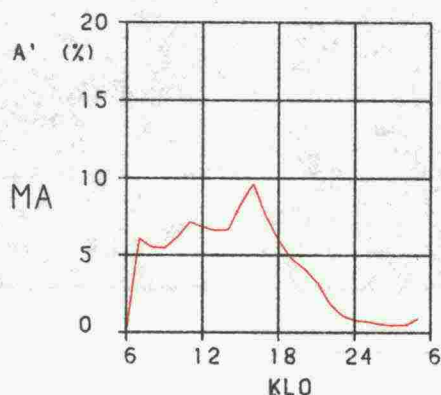


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU





KVL 4205

B' (SU/KESA) 1.09

KAVL 3999

KKVL 5385

D' 1.28

ARKILIIKENTEEN KOOSTUMUS

HA + PA

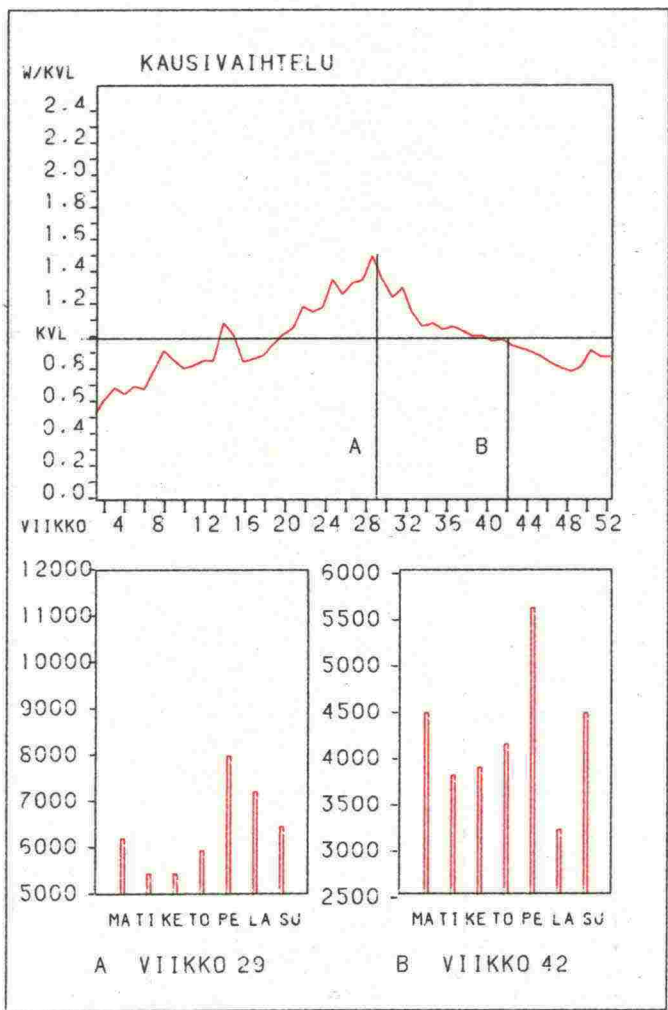
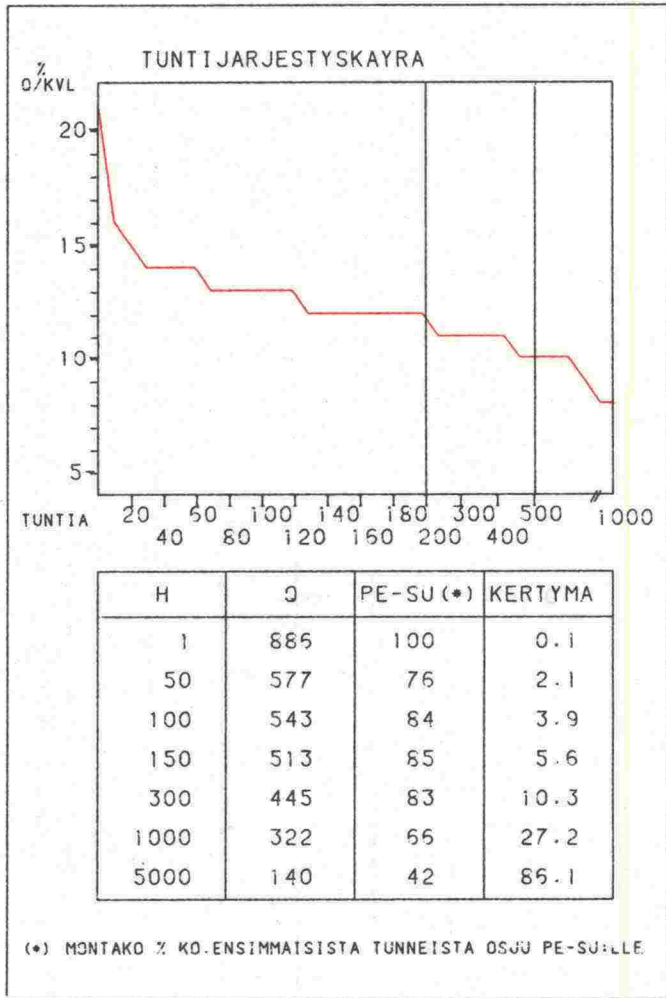
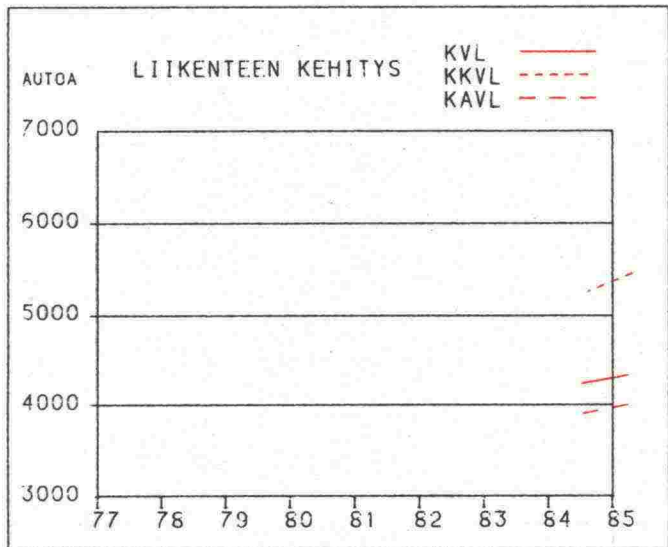
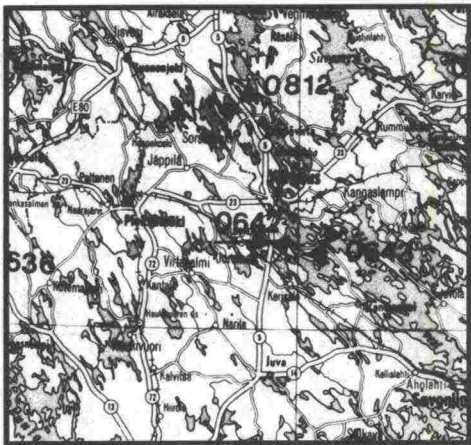
79%

LA + KAIP

10%

KAPP + KATP

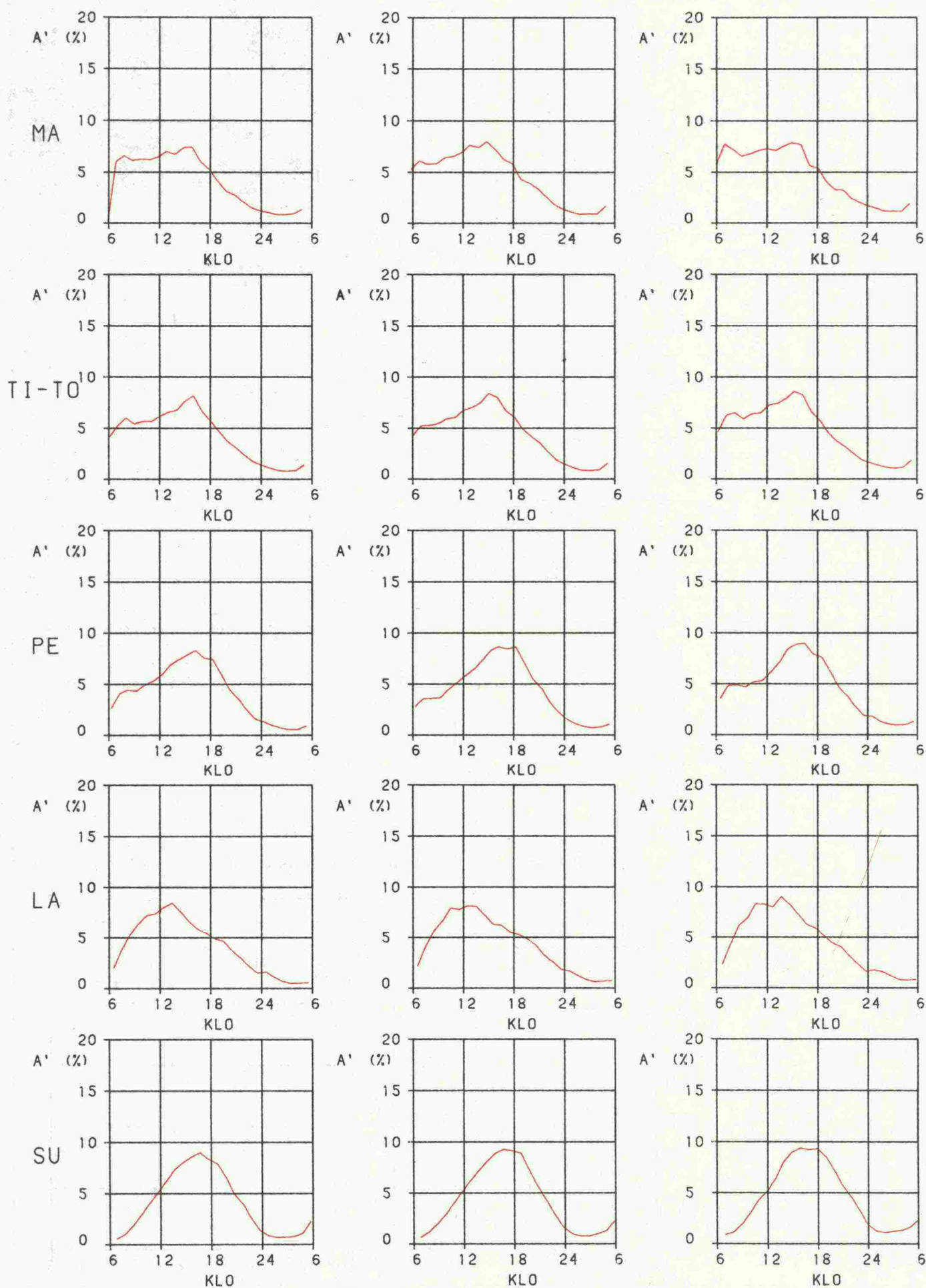
11%



HELMIKUU

HEINAKUU

LOKAKUU





KVL 681

B' (SU/KESA) 1.23

KAVL 608

KKVL 1034

D' 1.51

ARKILIIKENTEEEN KOOSTUMUS

HA + PA

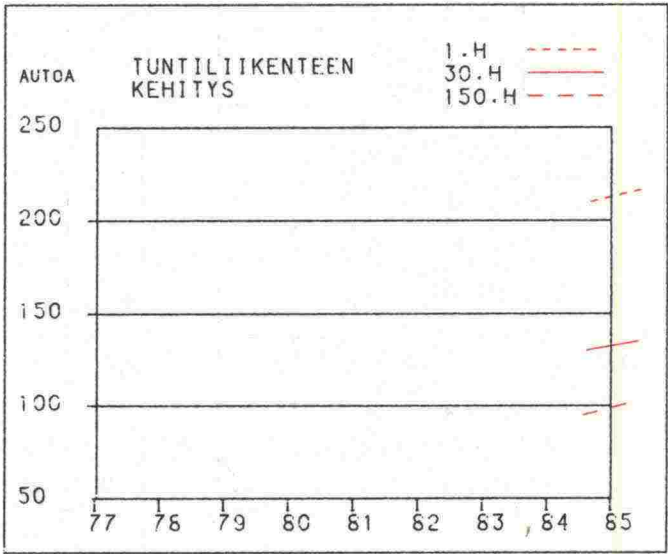
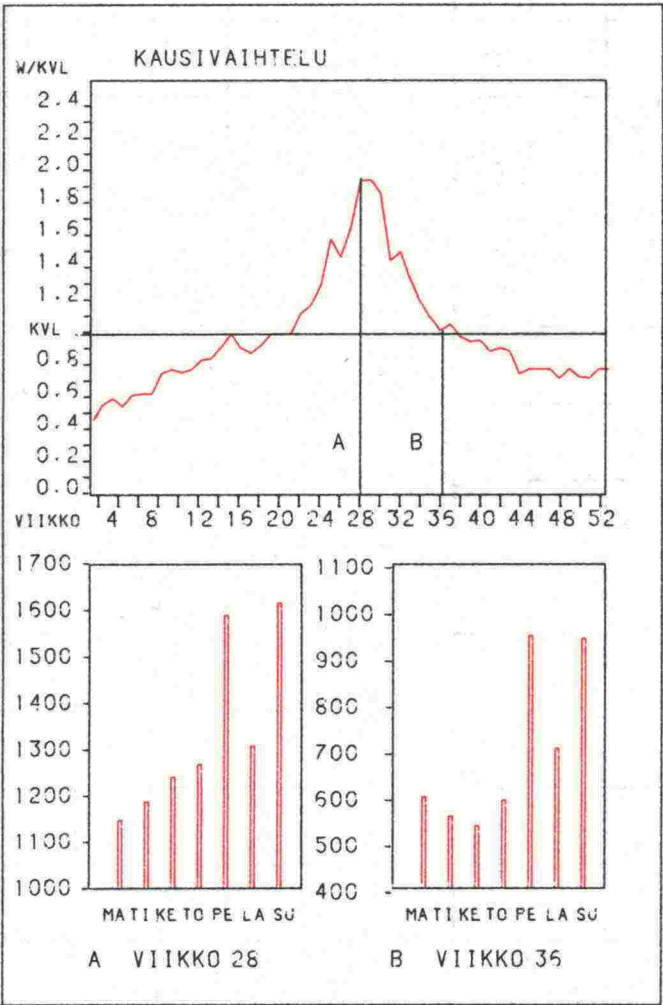
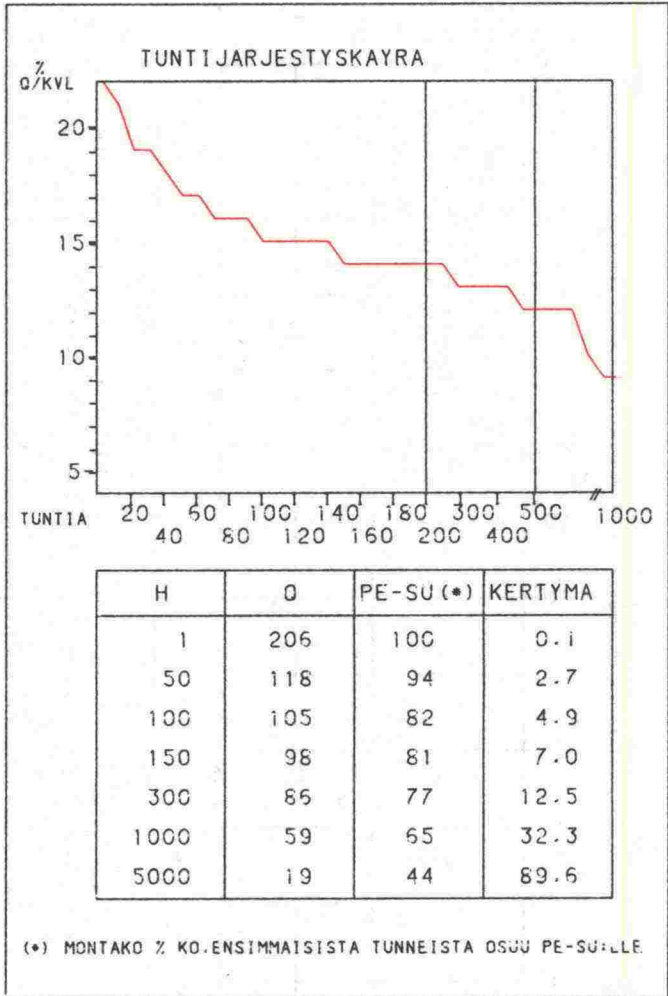
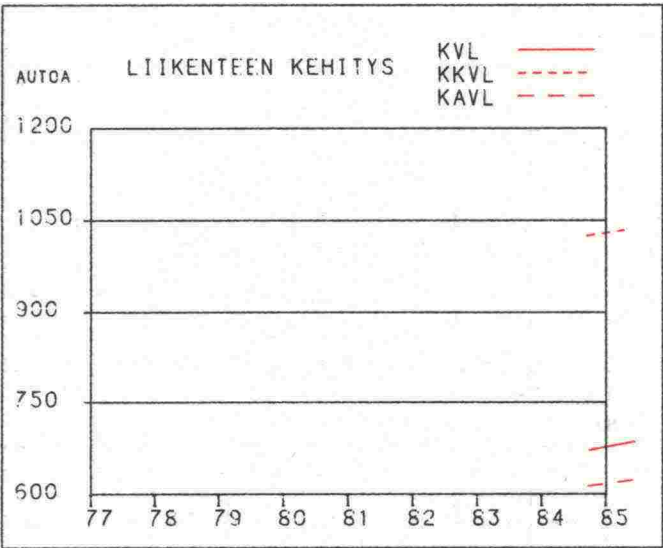
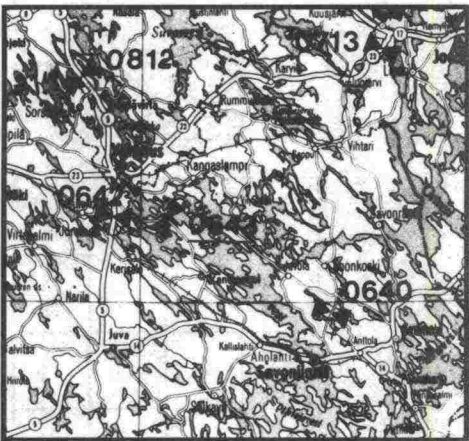
87 %

LA + KAIP

6 %

KAPP + KATP

7 %

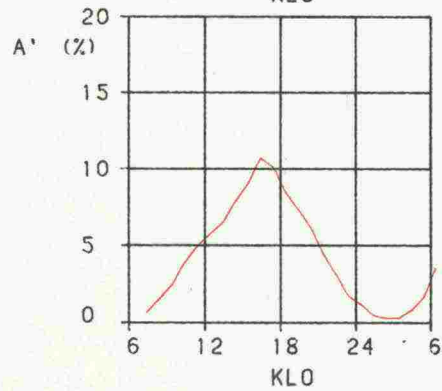
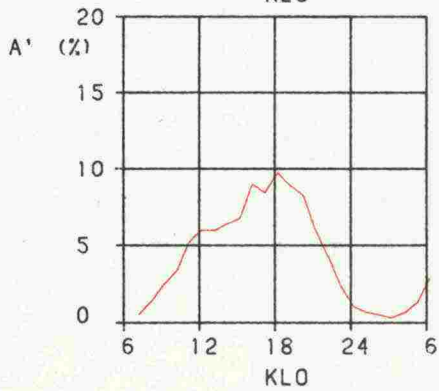
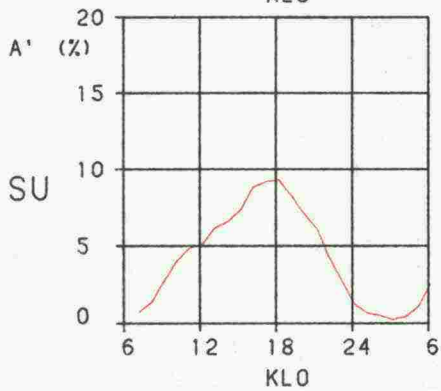
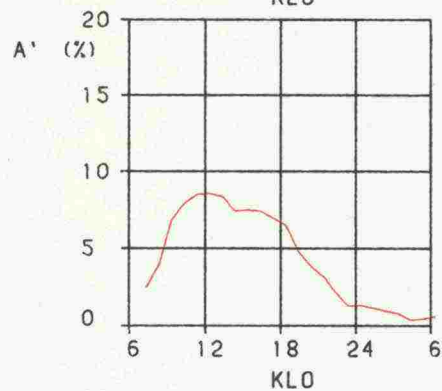
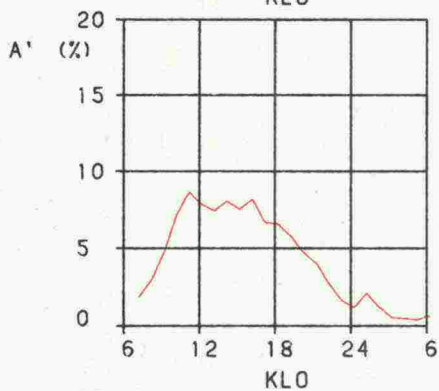
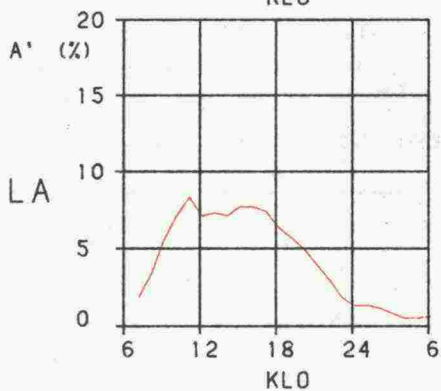
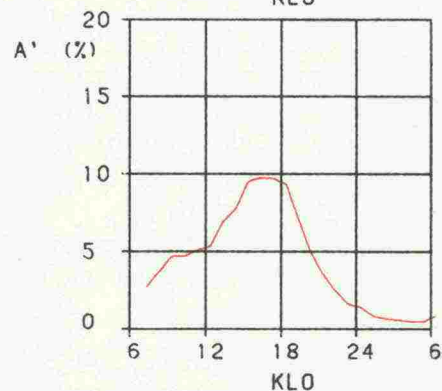
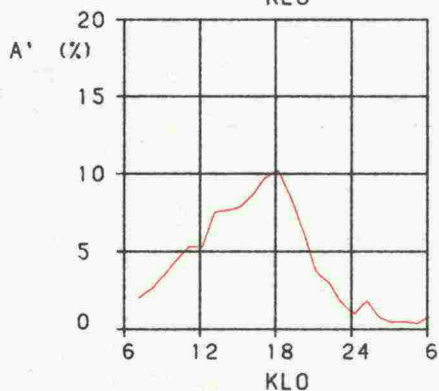
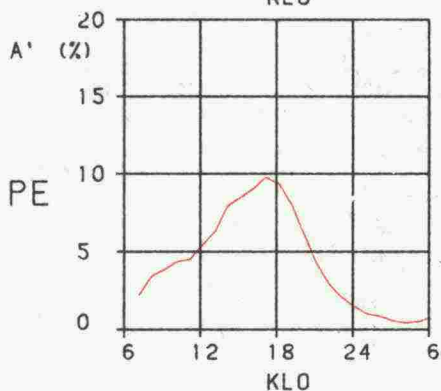
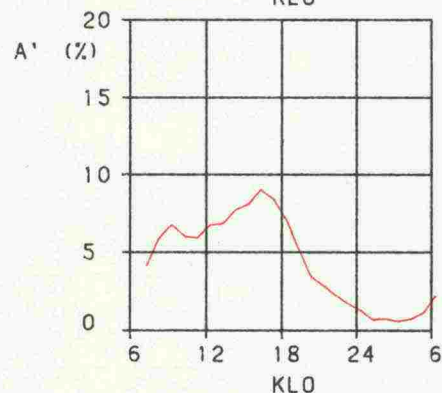
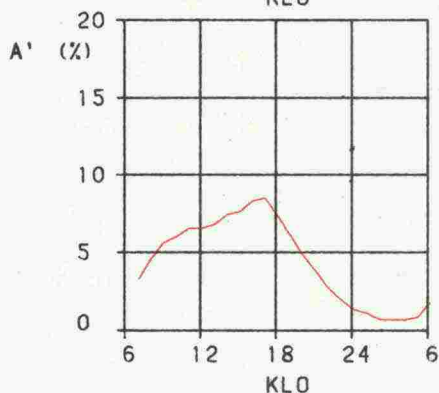
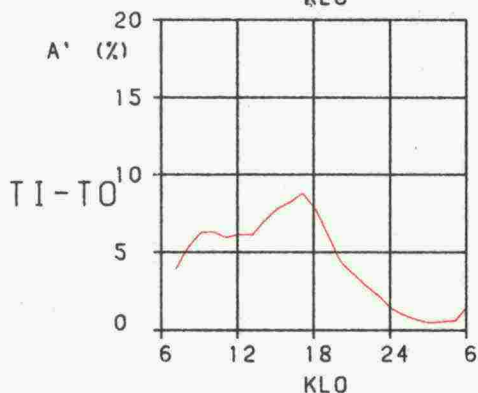
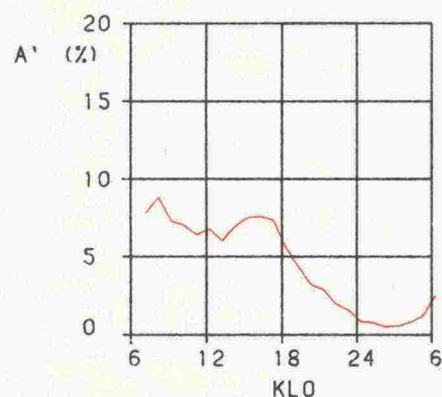
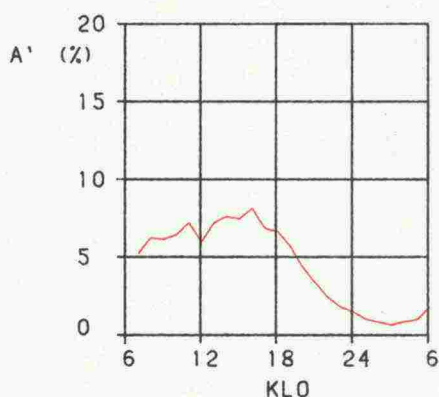
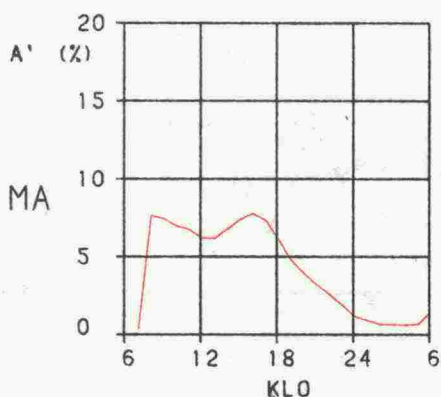


## TUNTI VAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU





707 PYHÄSELKÄ

1985

VT6 TIEOSA 348 ETAISYYS 2.0 KM

KVL 5213

B' (SU/KESA) 1.01

KAVL 5147

D' 1.23

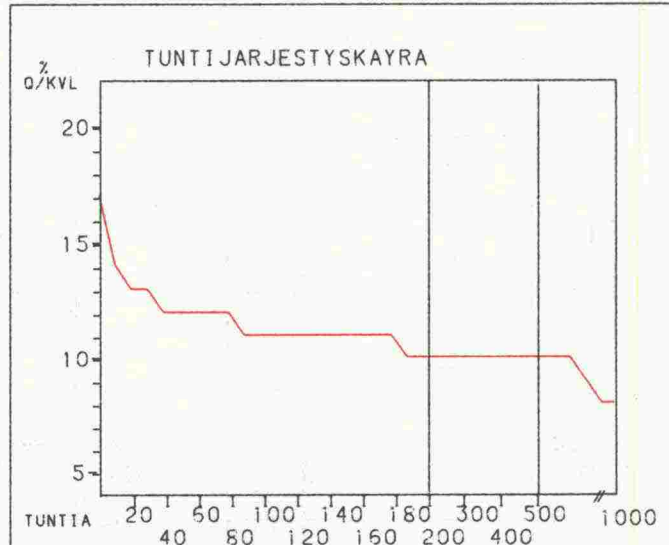
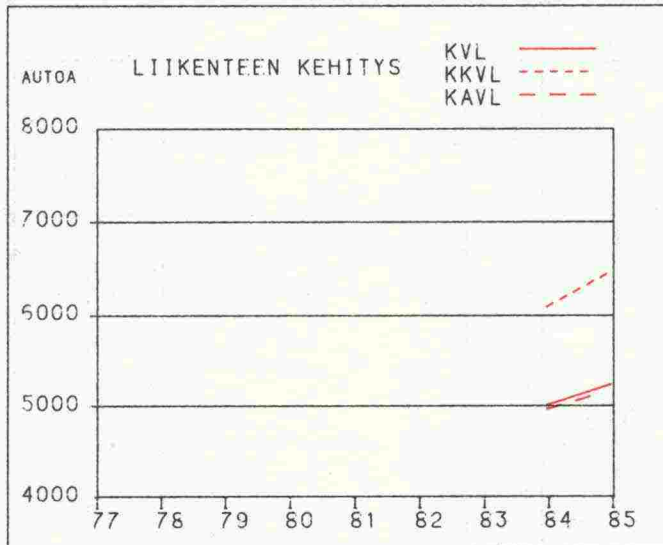
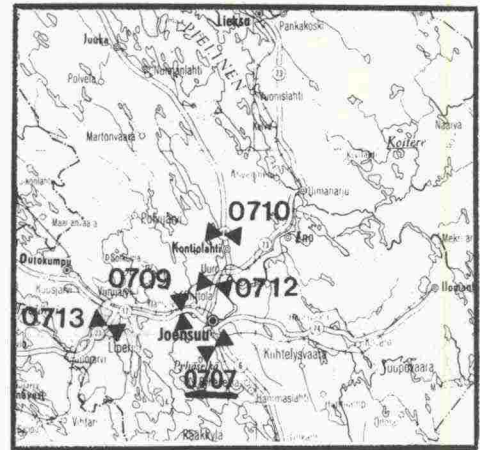
KKVL 6444

## ARKILIIKENTEEEN KOOSTUMUS

HA + PA 89 %

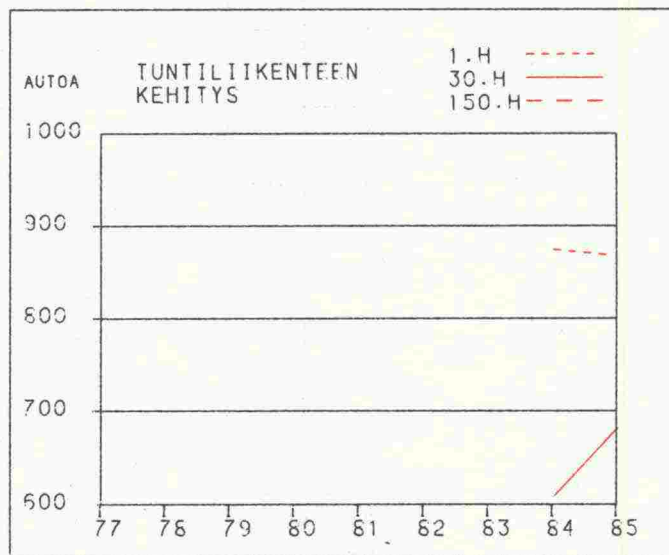
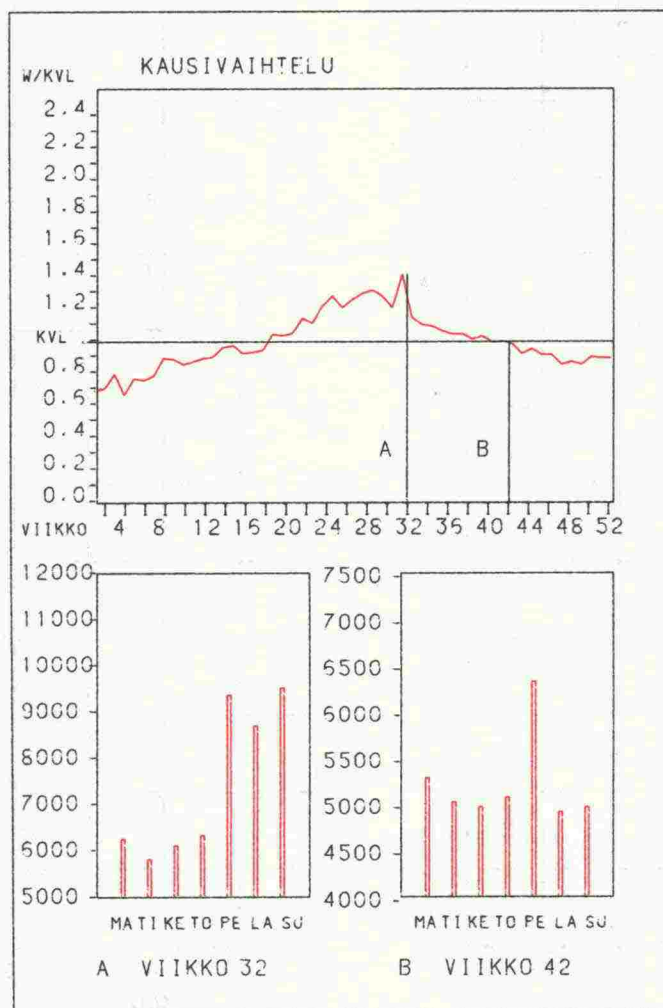
LA + KAIP 6 %

KAPP + KATP 5 %



H	Q	PE-SU (*)	KERTYMA
1	855	100	0.1
50	633	92	1.8
100	590	82	3.4
150	560	73	5.0
300	517	61	9.2
1000	411	51	26.0
5000	181	41	87.9

(\*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUUS PE-SU: LLE

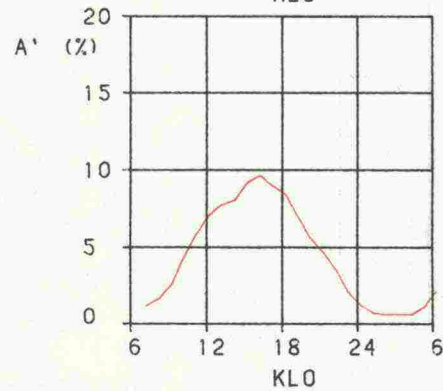
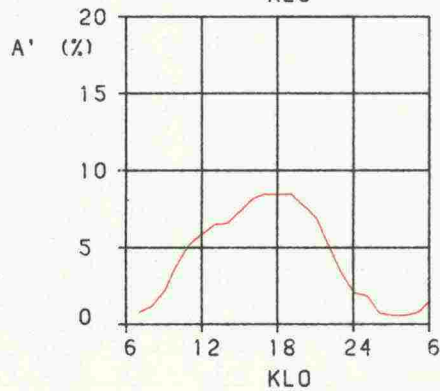
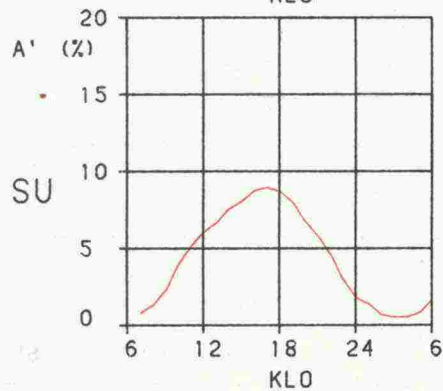
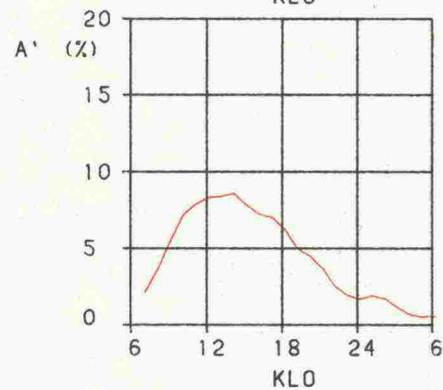
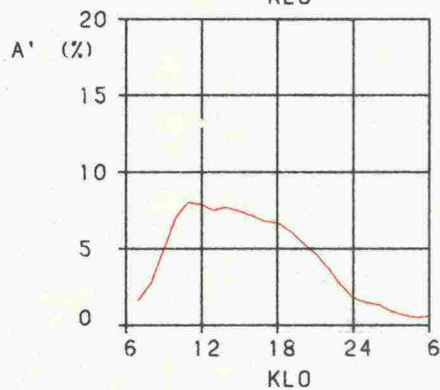
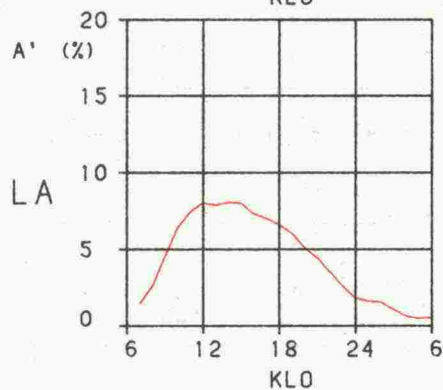
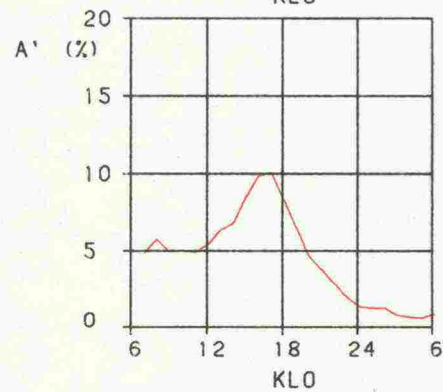
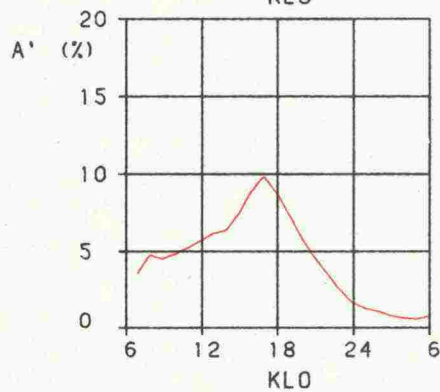
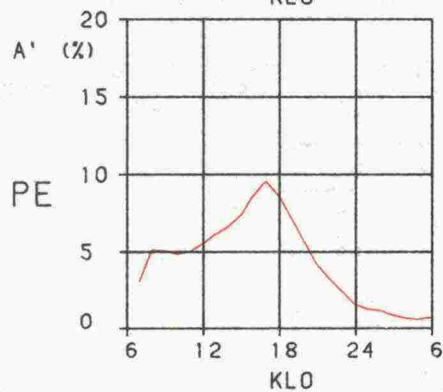
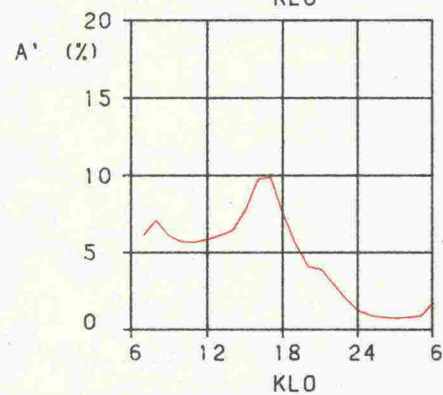
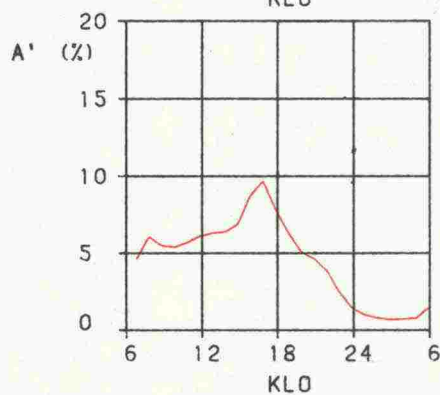
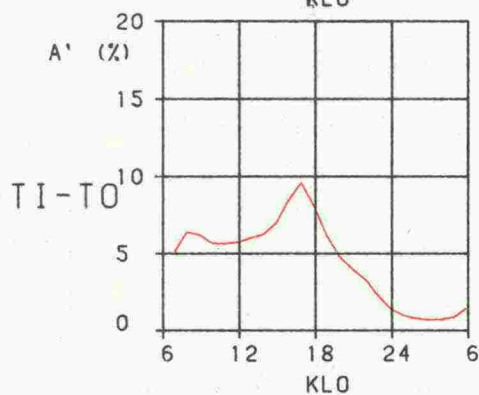
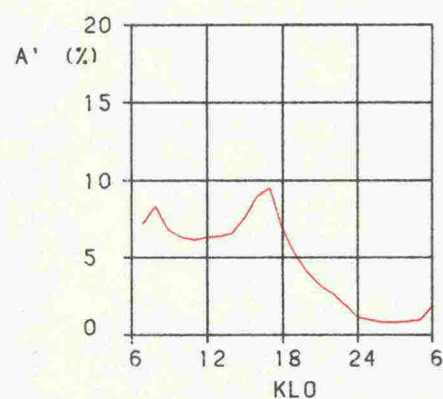
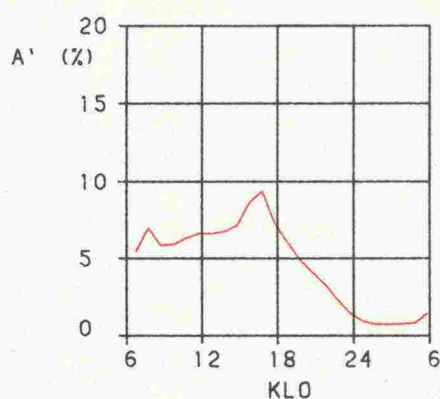
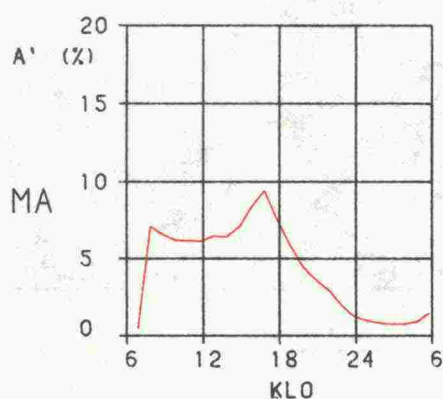


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU



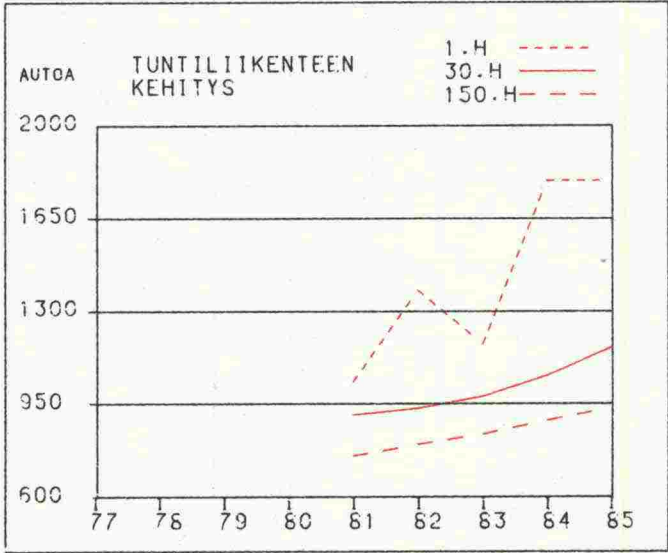
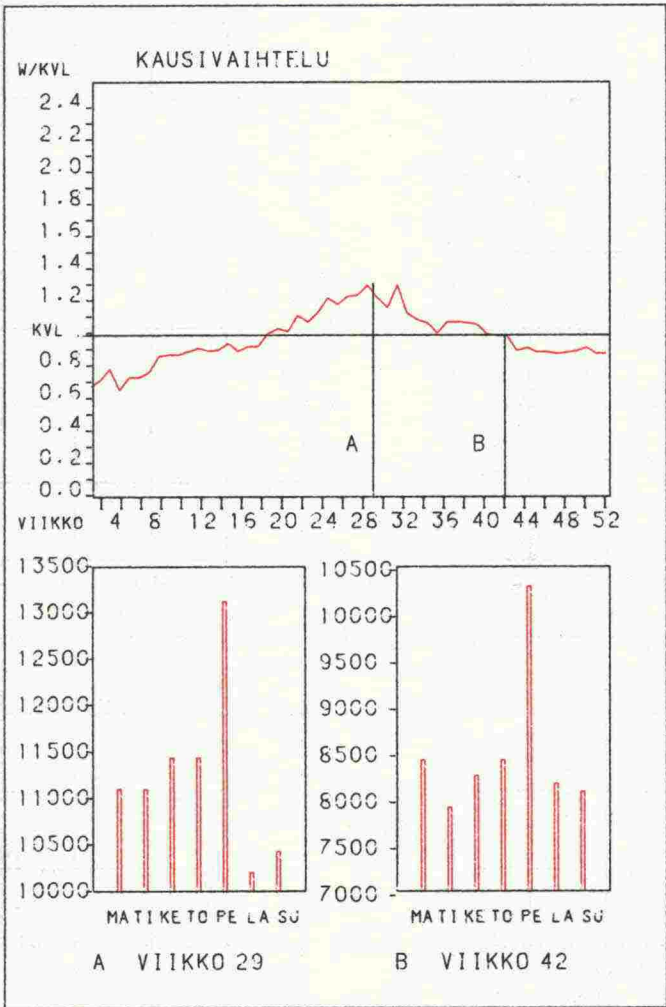
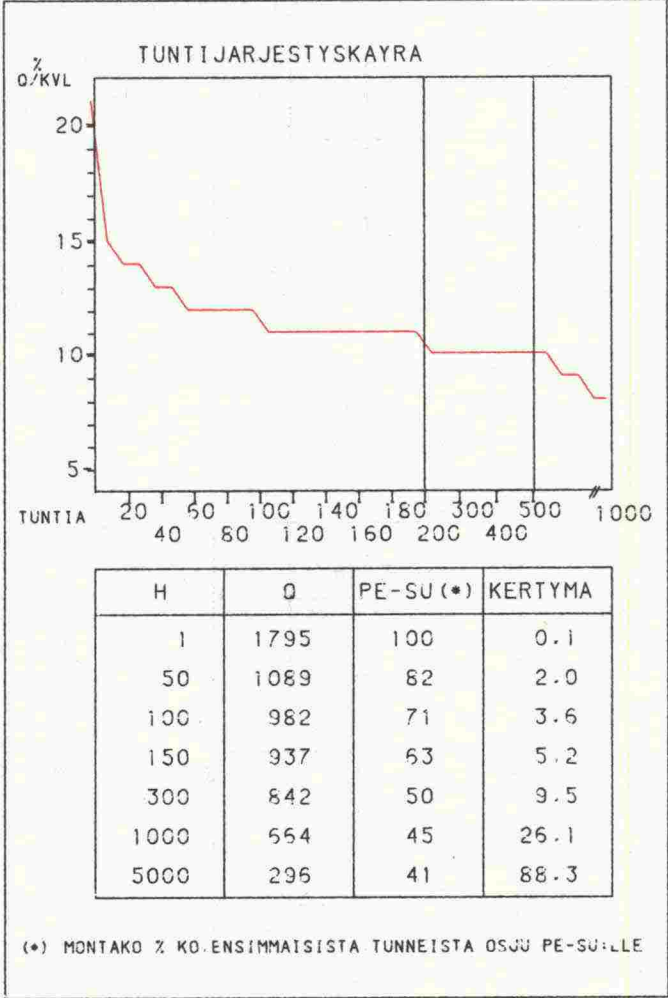
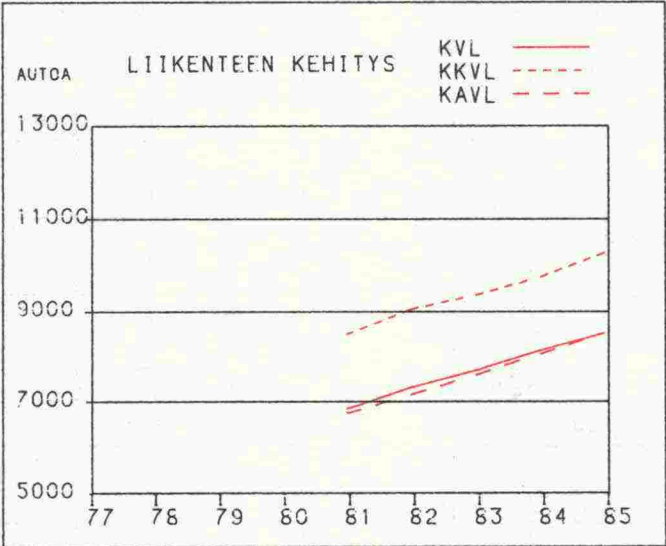
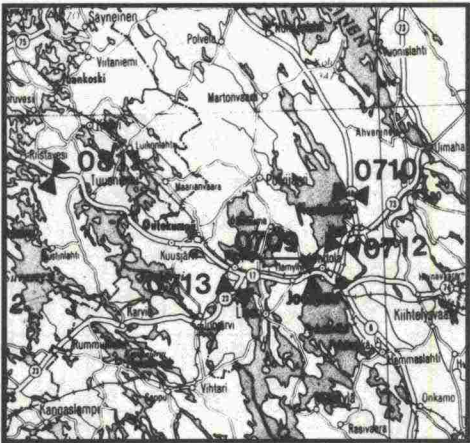


82  
709JOENSUU/LENTOAS.T1985  
VT17 TIEOSA 26 ETAISYYS 1.6 KM

KVL 8503 B' (SU/KESA) 0.92  
KAVL 8497  
KKVL 10257 D' 1.20

ARKILIIKENTEN KOOSTUMUS

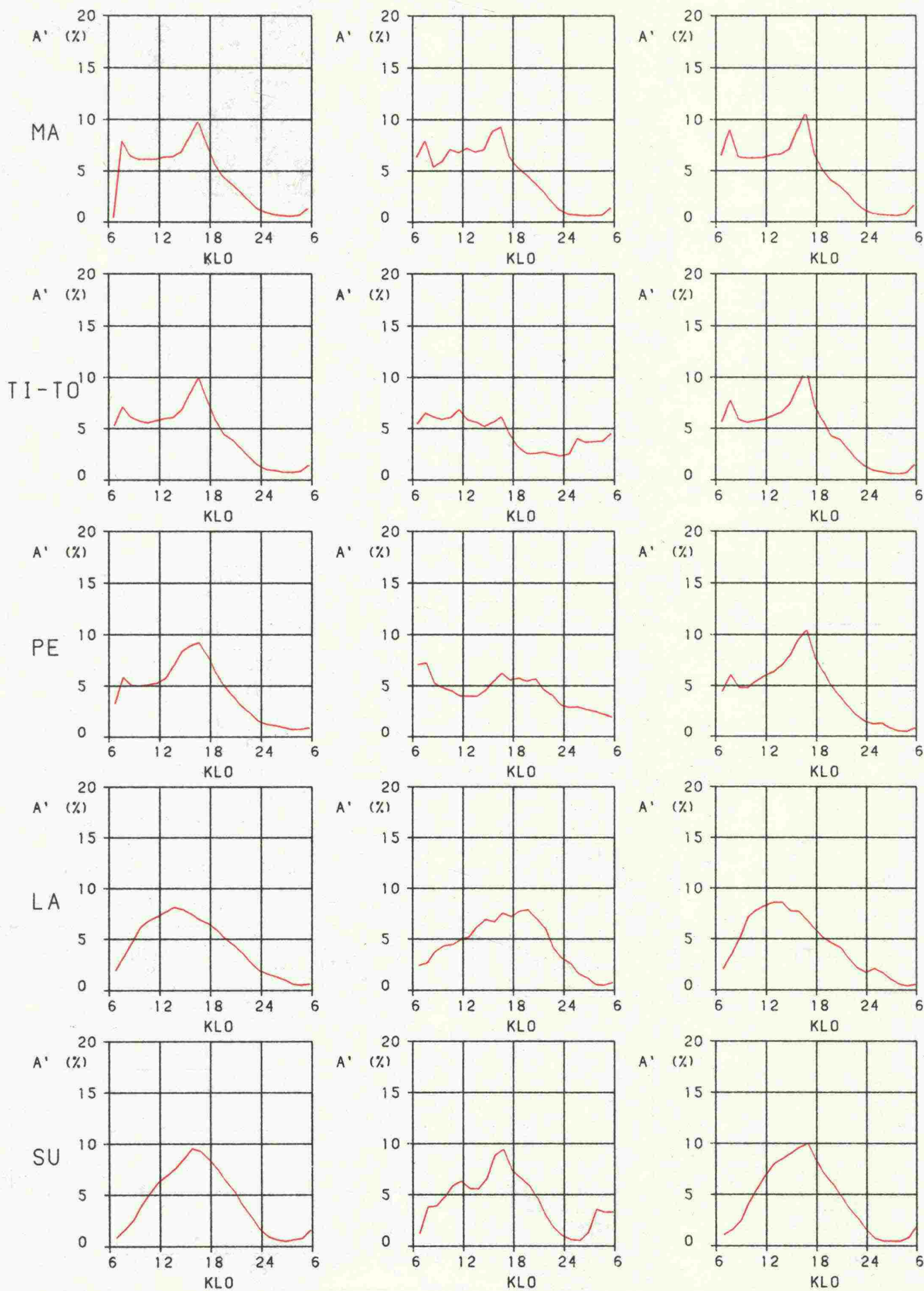
HA + PA 90 %  
LA + KAIP 6 %  
KAPP + KATP 4 %



HELMIKUU

HEINAKUU

LOKAKUU





KVL 1185

B' (SU/KESA) 1.17

KAVL 1079

D' 1.37

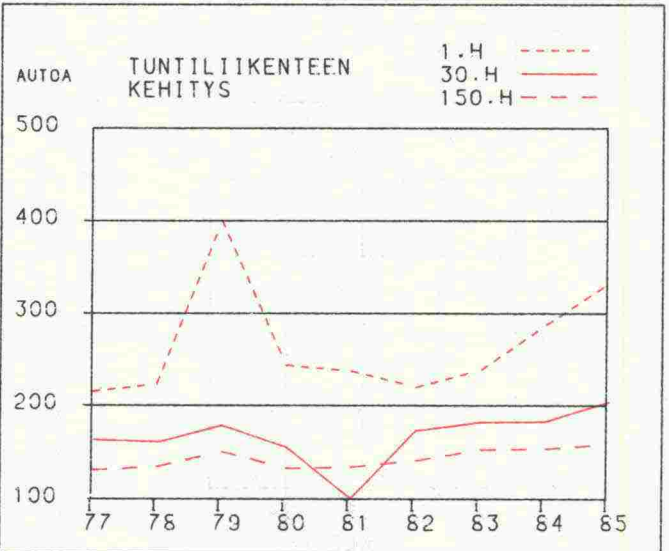
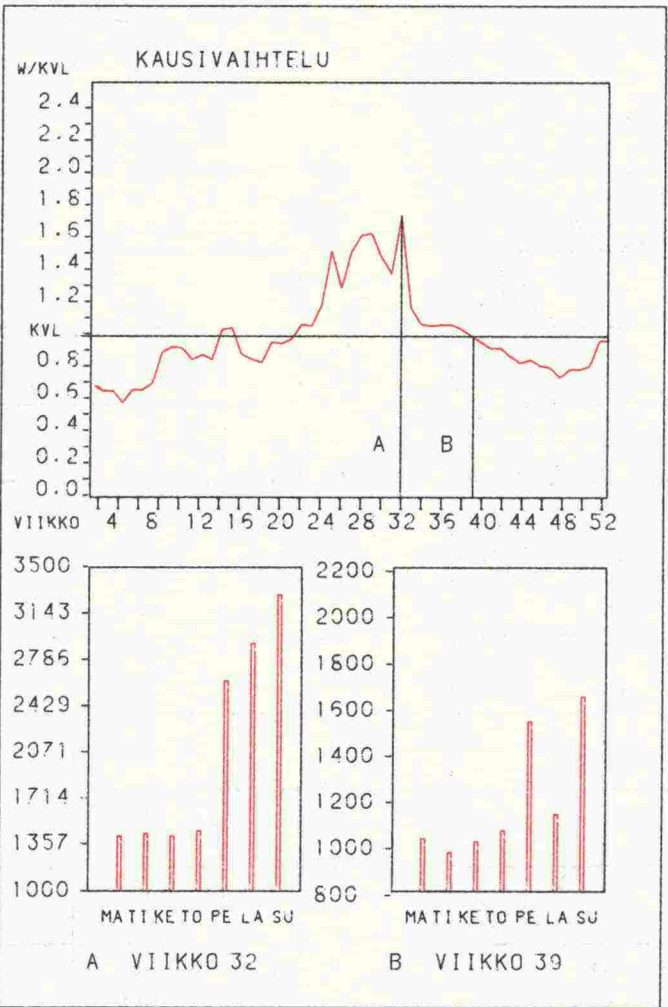
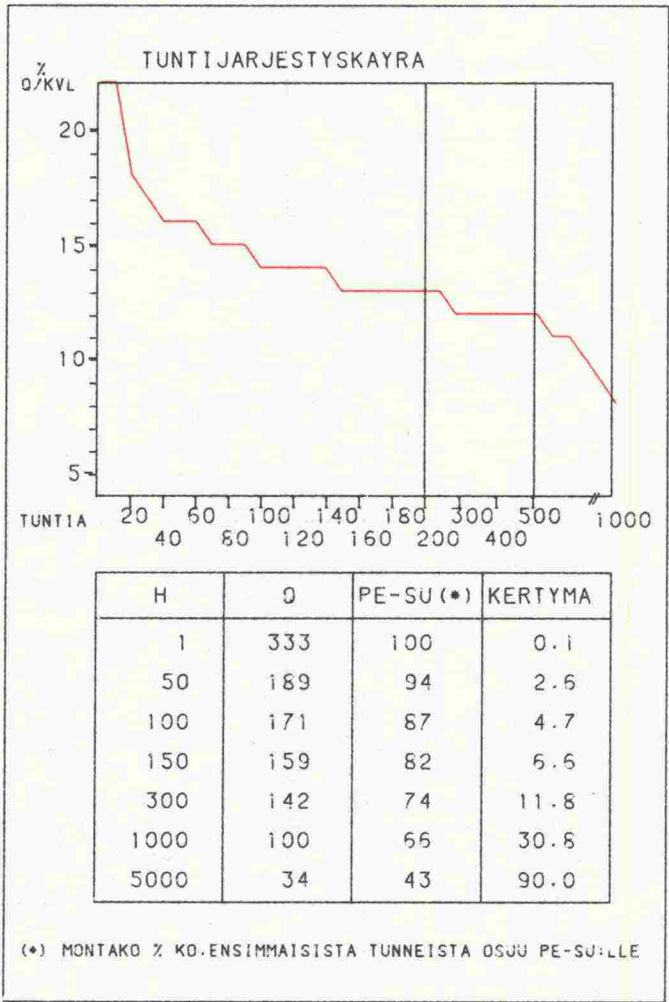
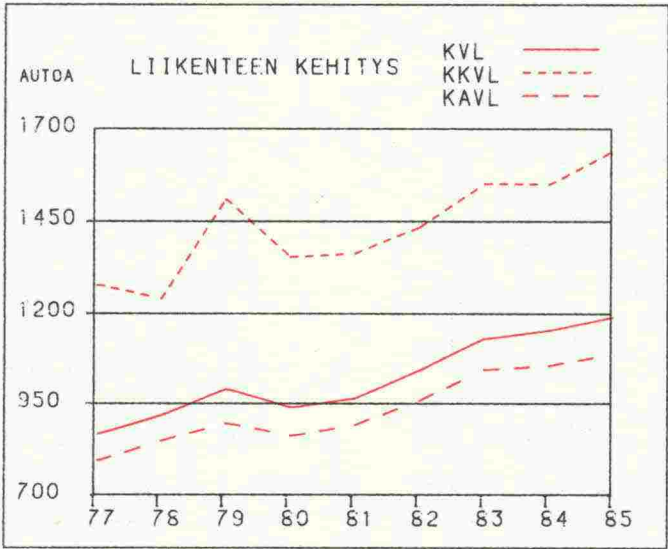
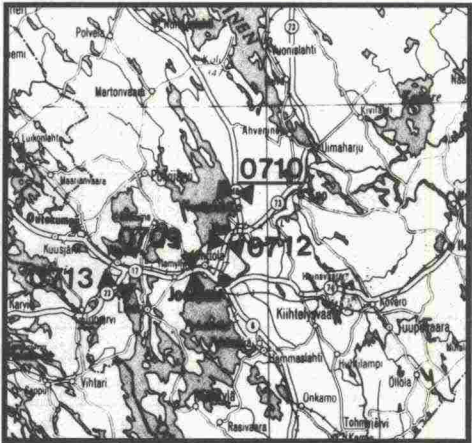
KKVL 1634

ARKILIIKENTEEN KOOSTUMUS

HA + PA 88 %

LA + KAIP 7 %

KAPP + KATP 5 %

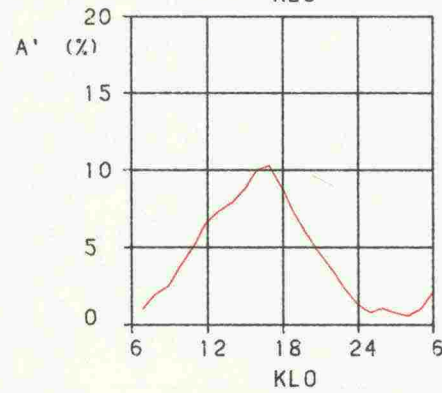
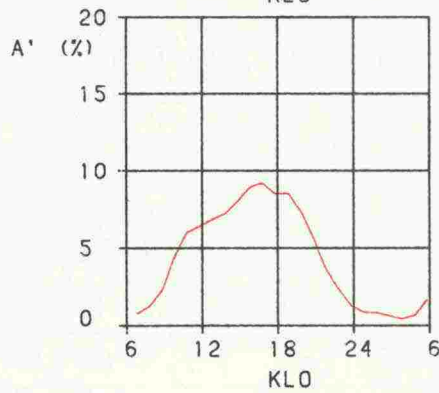
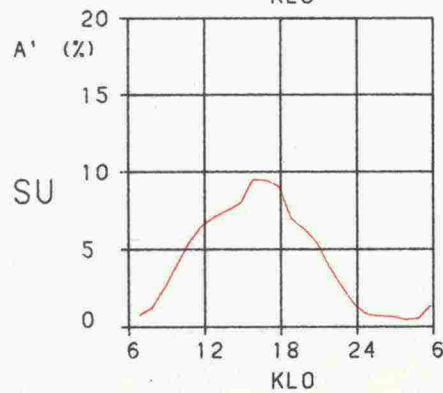
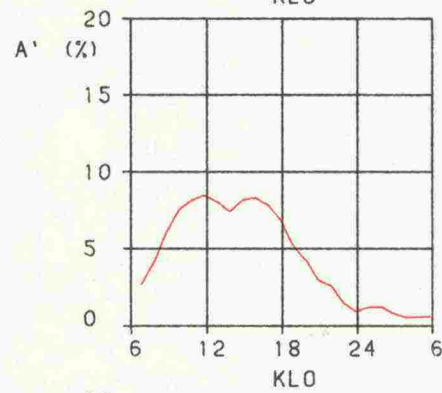
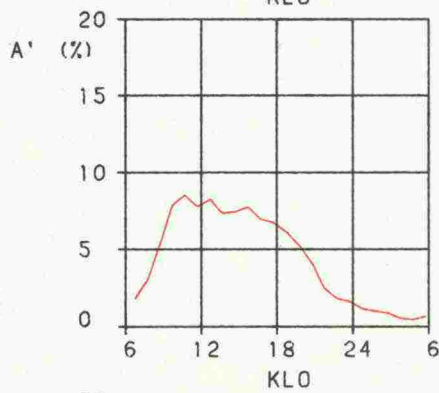
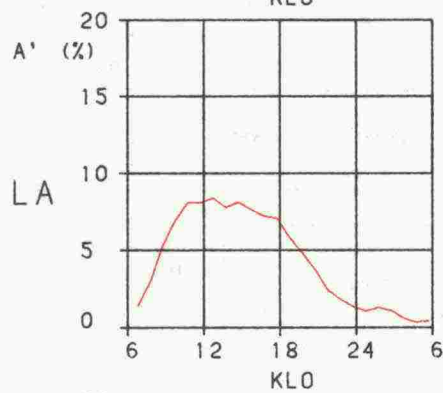
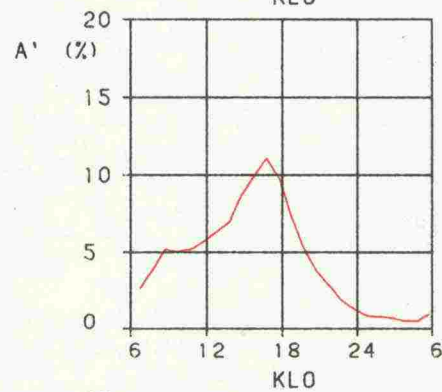
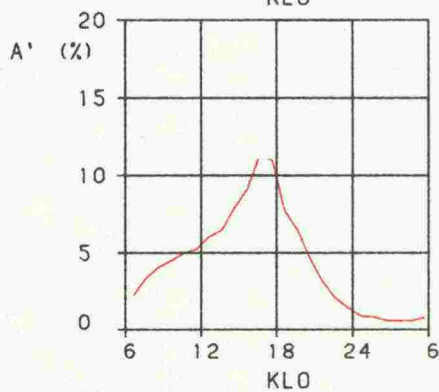
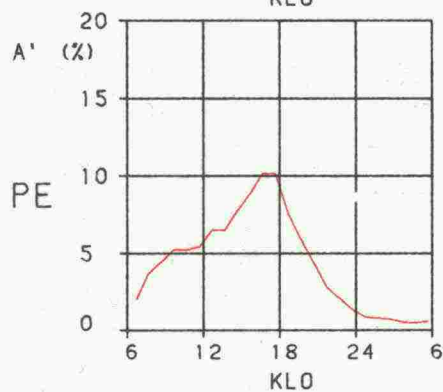
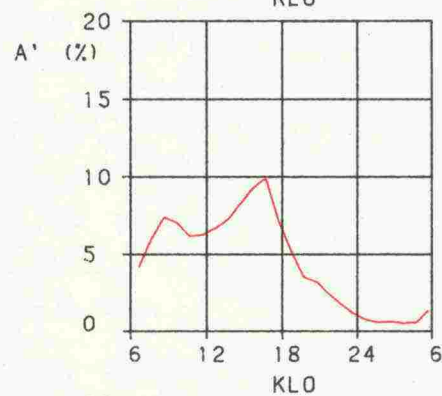
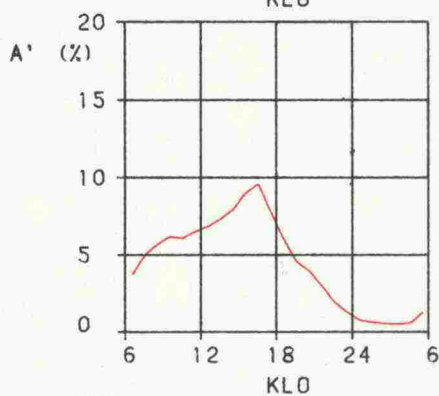
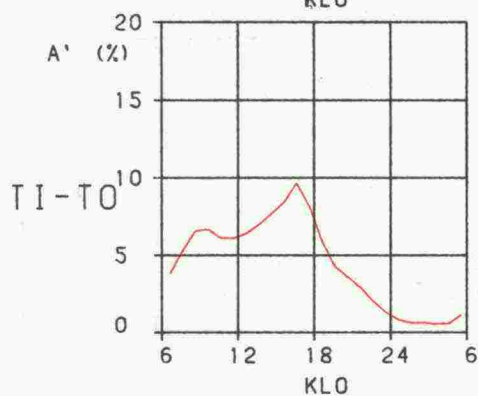
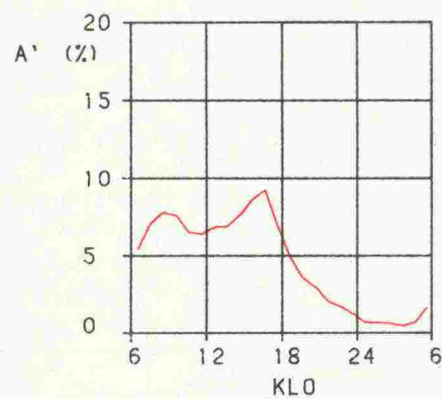
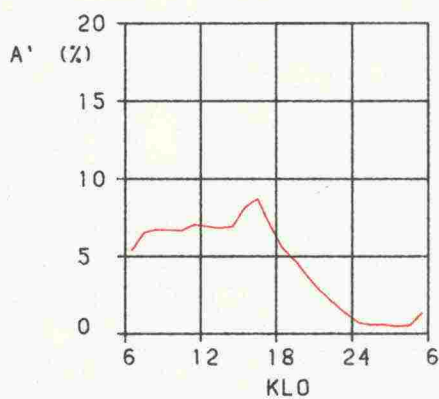
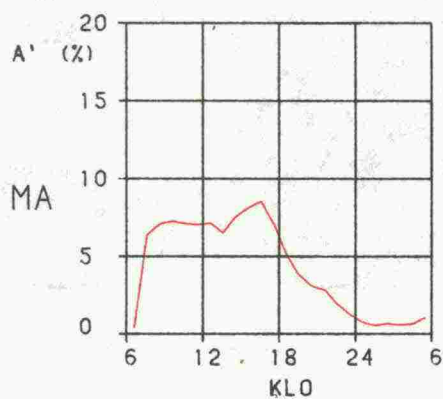


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU





KVL 6138

B' (SU/KESA) 0.96

KAVL 6148

KKVL 7425

D' 1.20

ARKILIIKENTEN KOOSTUMUS

HA + PA

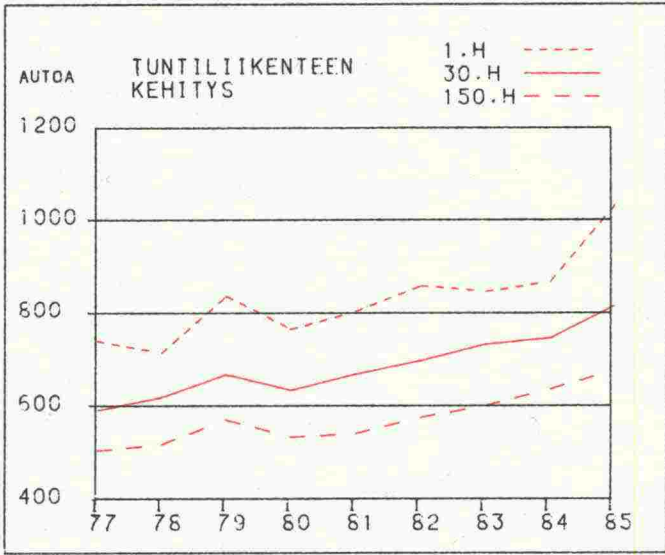
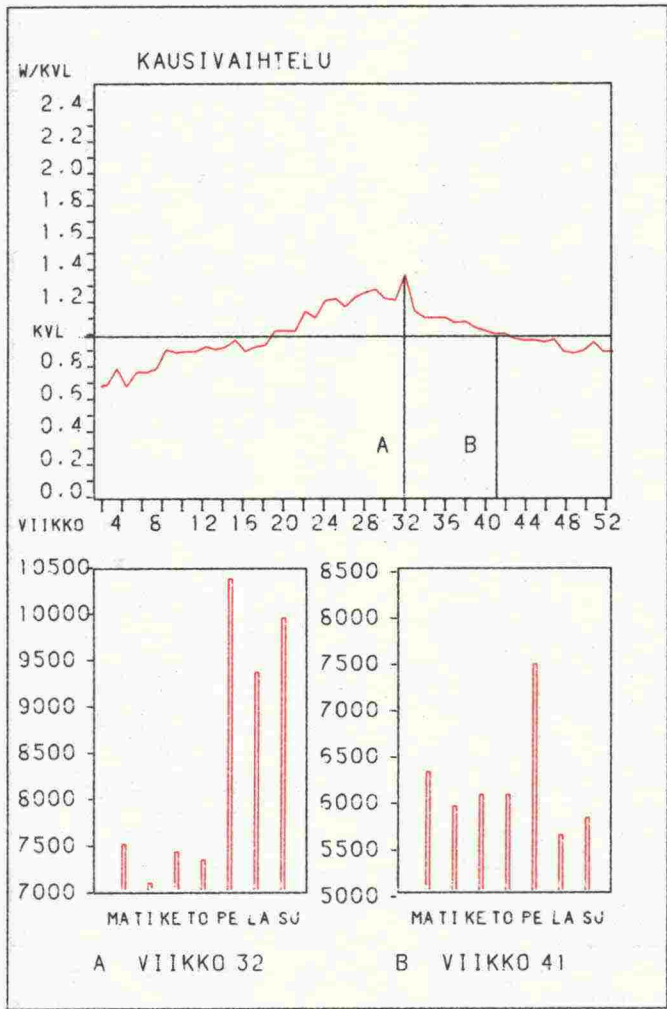
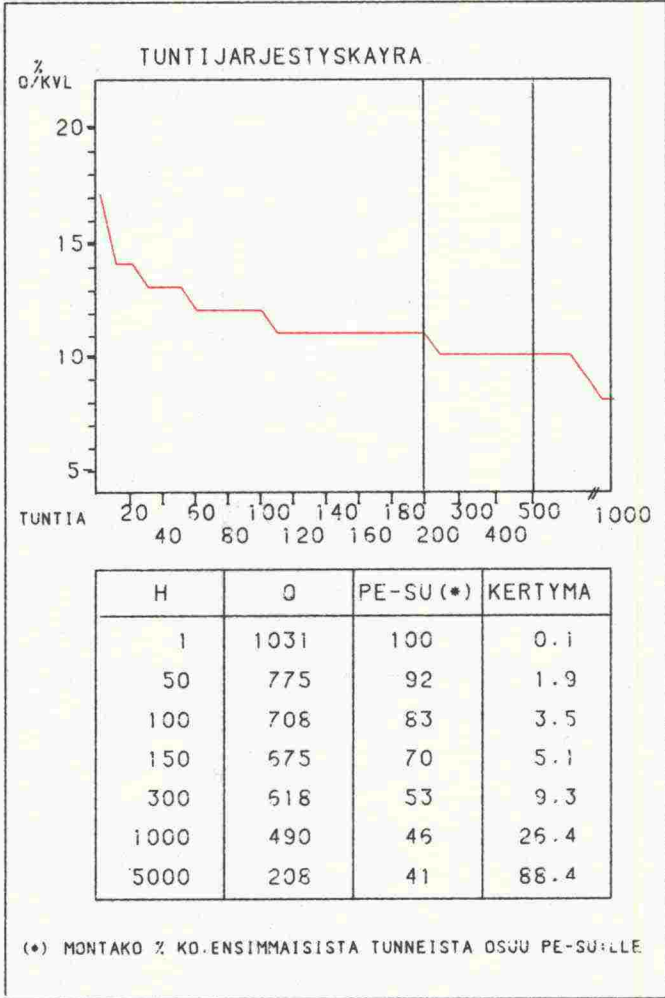
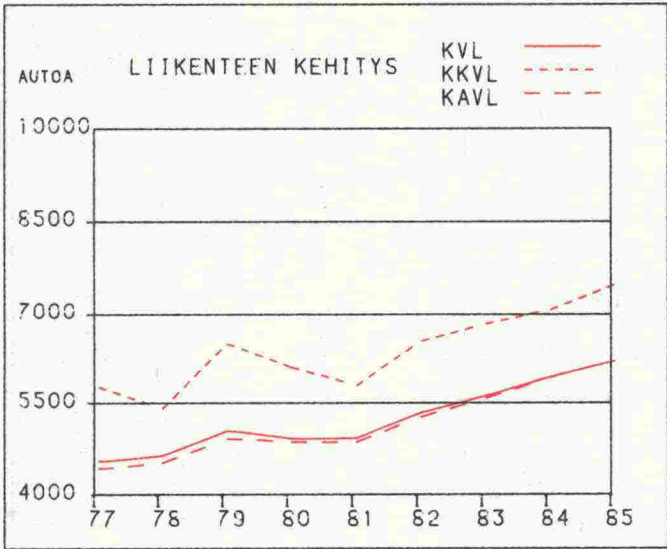
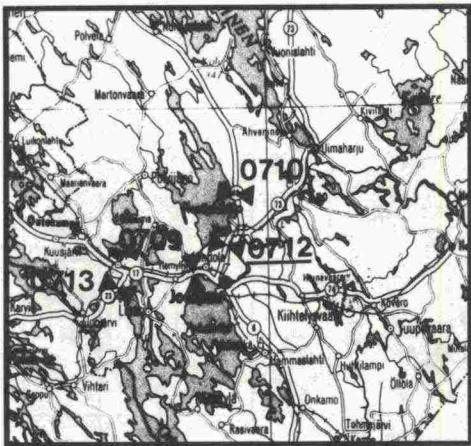
89 %

LA + KAIP

7 %

KAPP + KATP

4 %

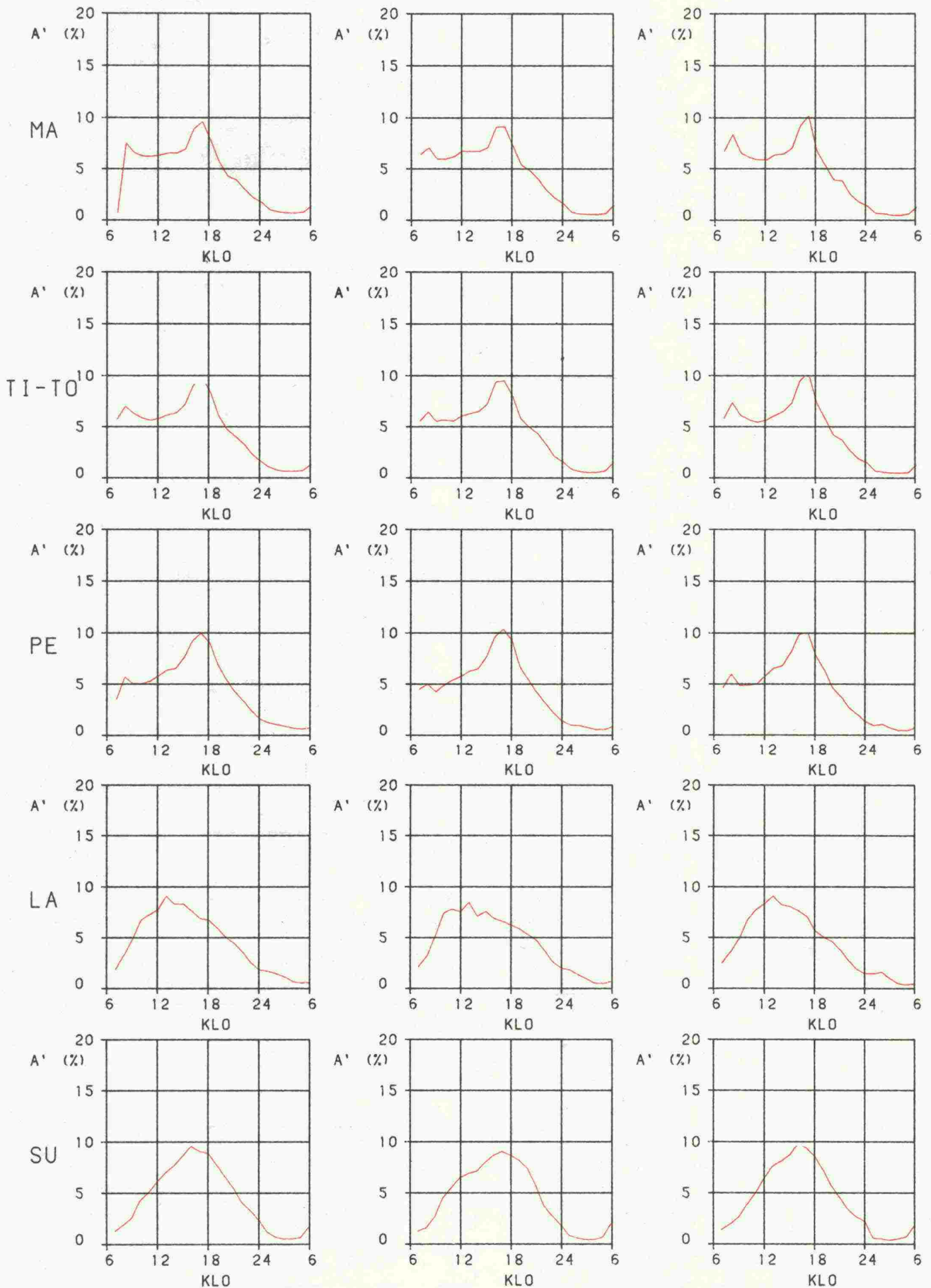


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU





KVL 1338

B' (SU/KESA) 1.23

KAVL 1223

KKVL 1917

D' 1.43

ARKILIIKENTEEN KOOSTUMUS

HA + PA

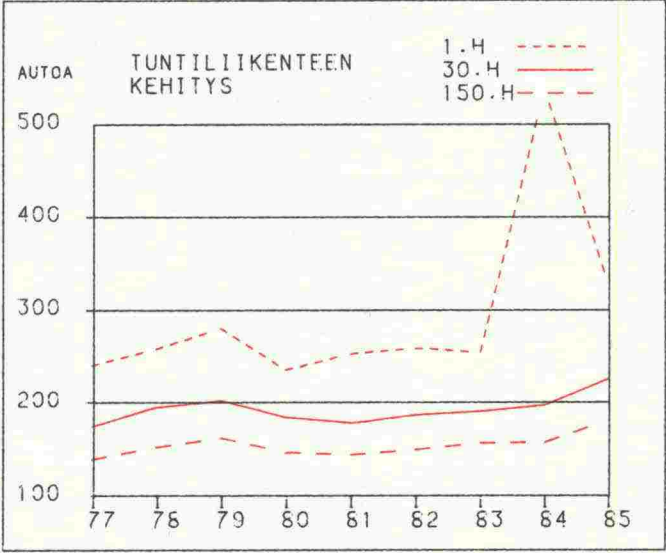
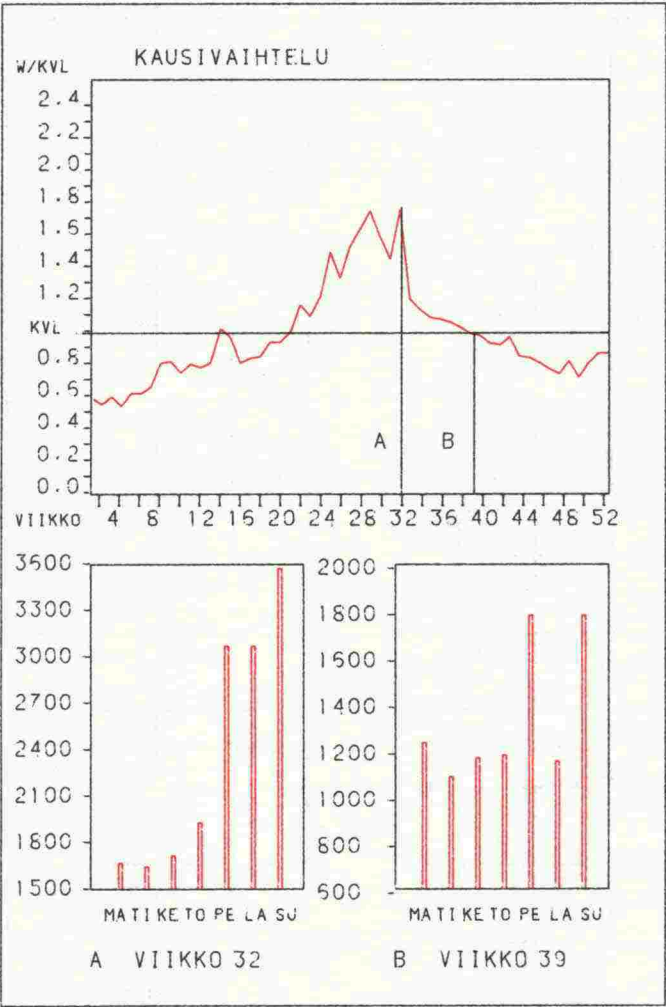
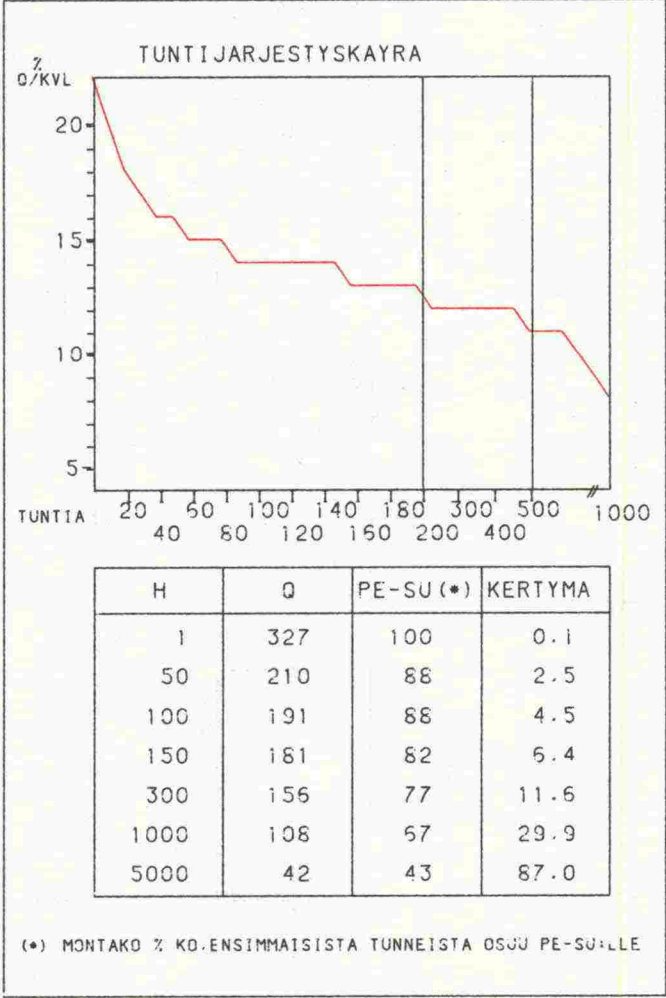
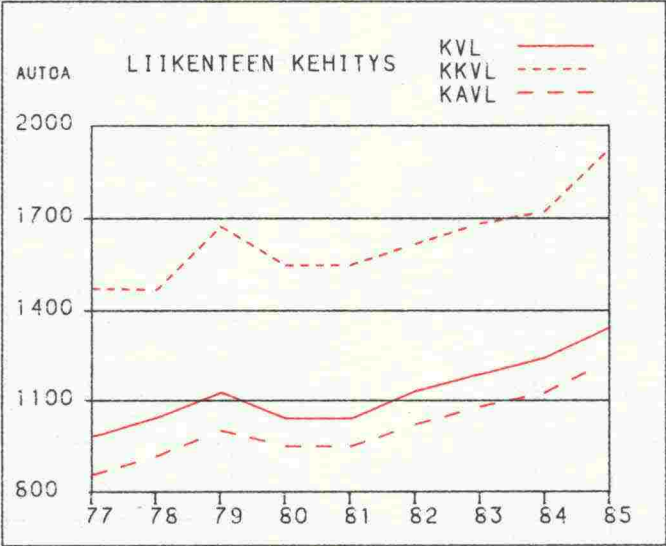
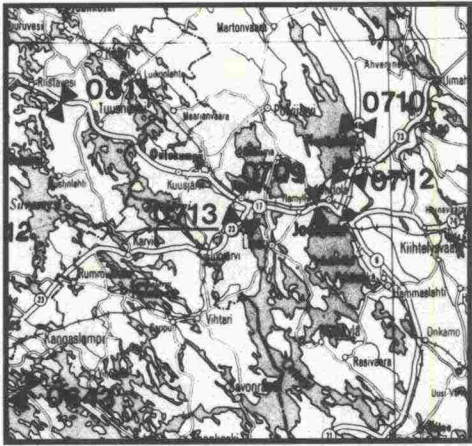
85 %

LA + KAIP

6 %

KAPP + KATP

9 %

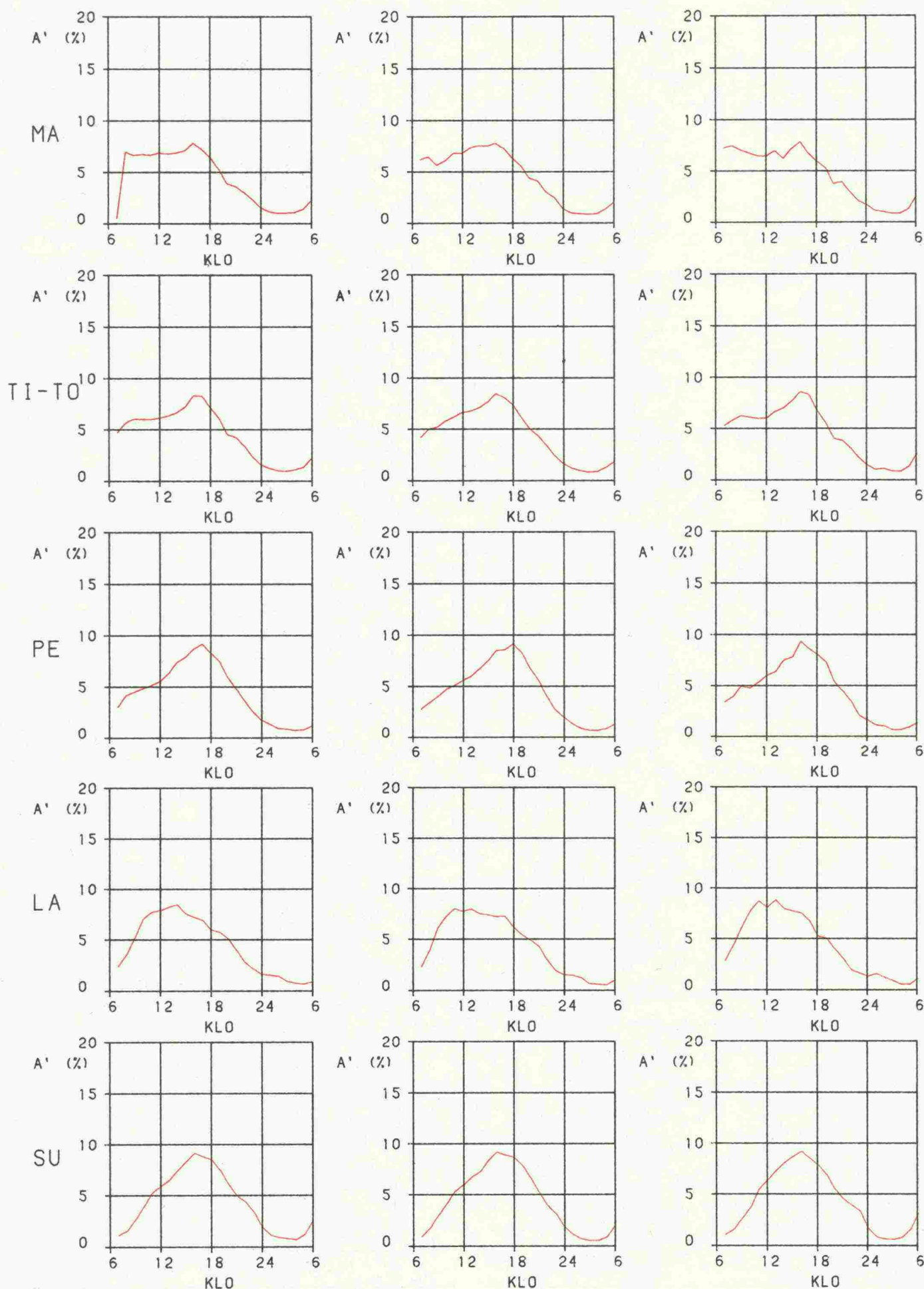


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU





VT5 TIEOSA 204 ETAISYYS 0.0KM

KVL 10255 B' (SU/KESA) 0.96

KAVL 10290

D' 1.18

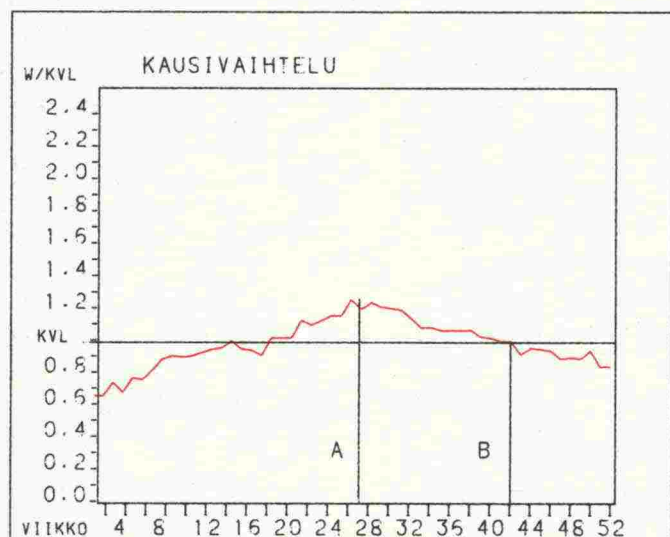
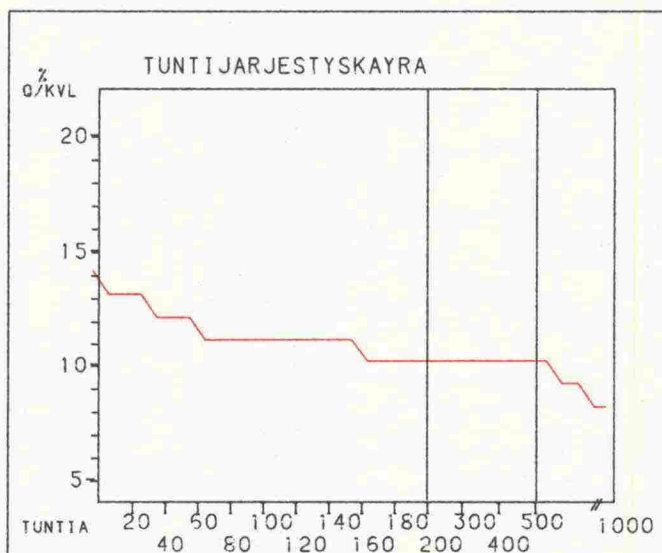
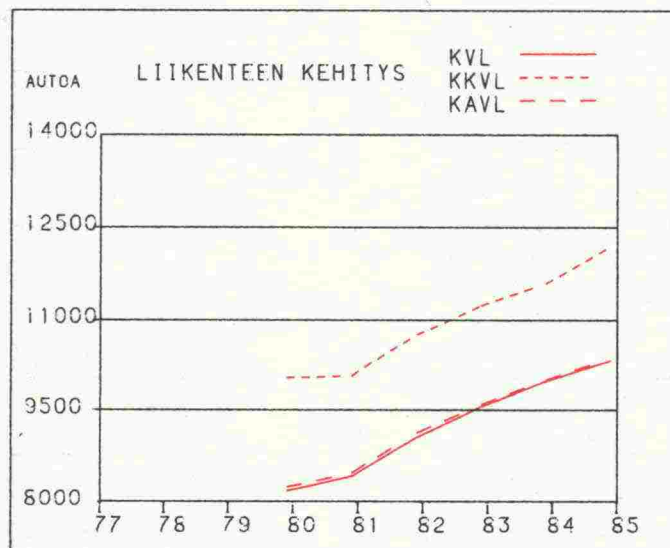
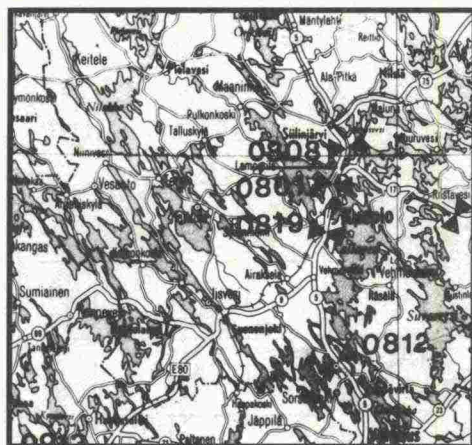
KKVL 12135

# ARKILIIKENTEEN KOOSTUMUS

HA + PA 85%

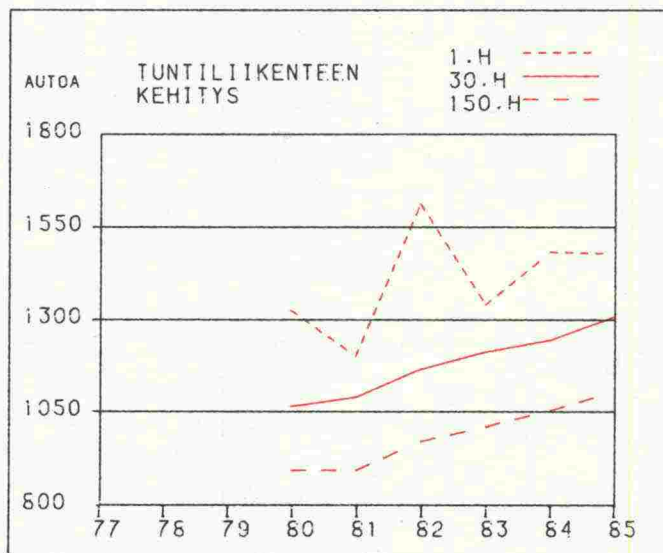
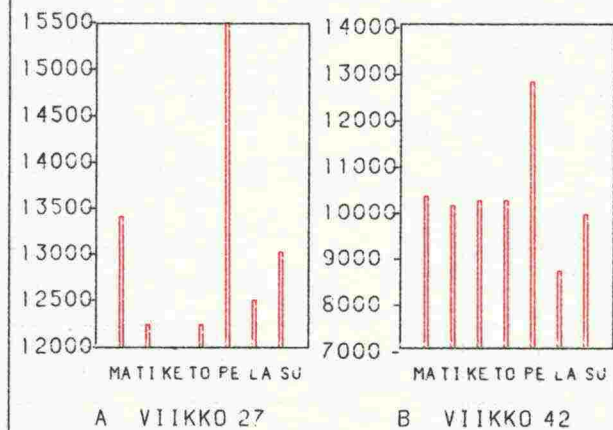
LA + KAIP 7 %

KAPP + KATP 8 %



H	Q	PE-SU (*)	KERTYMA
1	1466	100	0.0
50	1229	90	1.8
100	1131	81	3.3
150	1094	73	4.8
300	1009	59	9.0
1000	801	46	25.7
5000	355	41	87.4

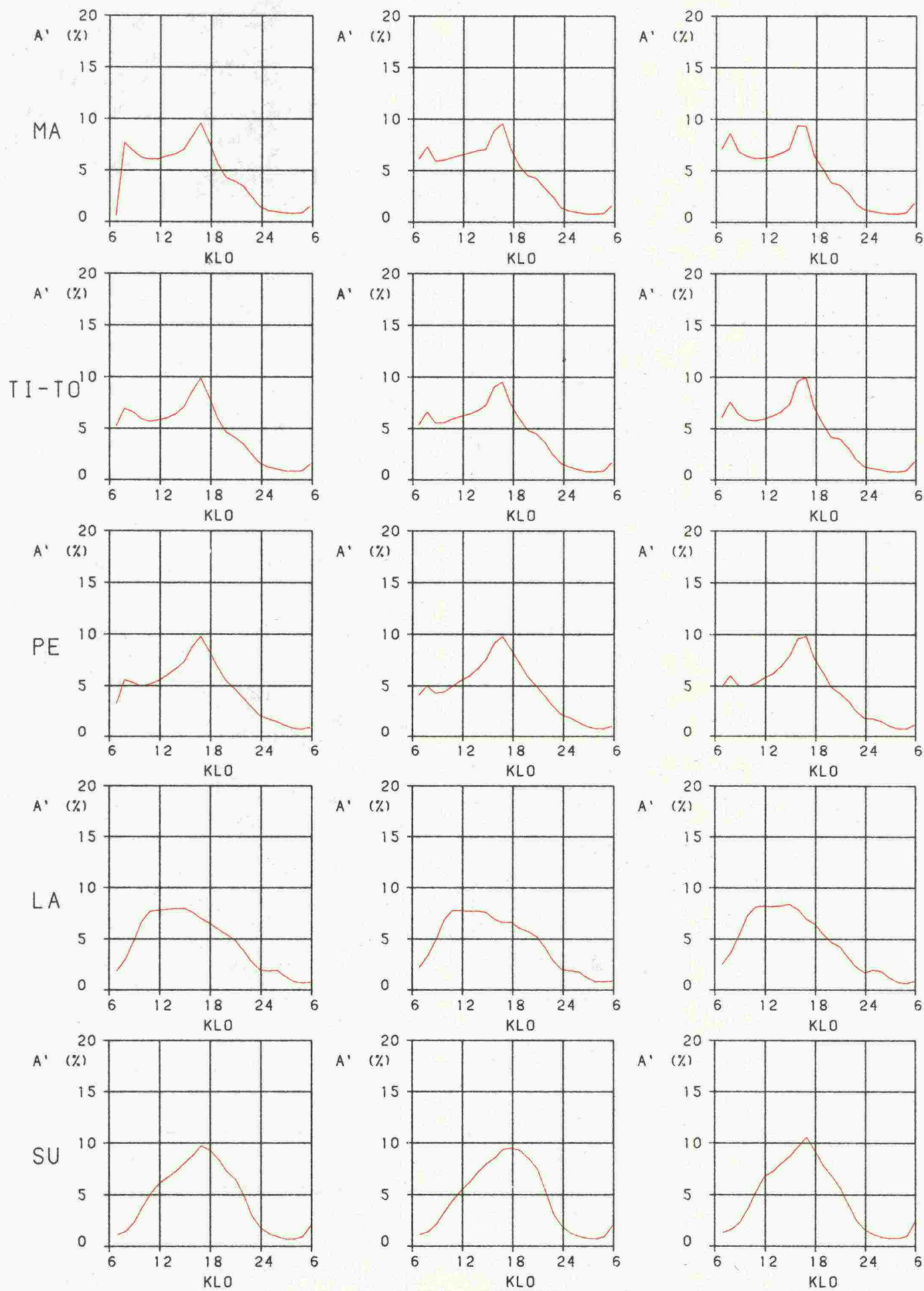
(\*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUU PE-SU:LLE



HELMIKUU

HEINAKUU

LOKAKUU





KVL 1589

B' (SU/KESA) 1.17

KAVL 1488

D' 1.31

KKVL 2085

ARKILIIKENTEEEN KOOSTUMUS

HA + PA

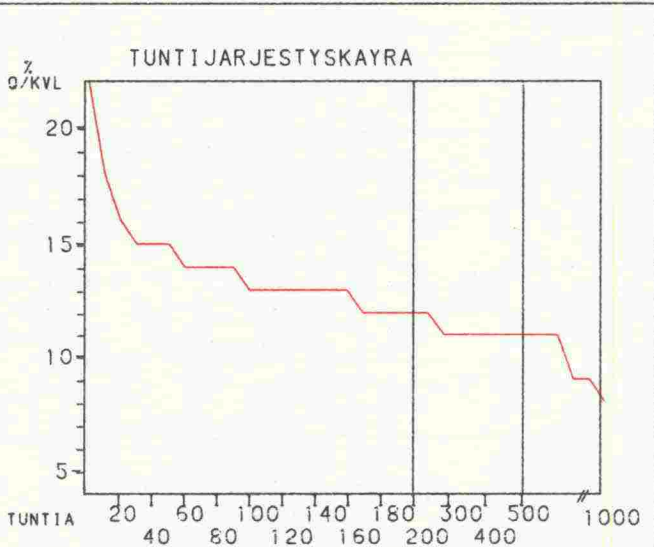
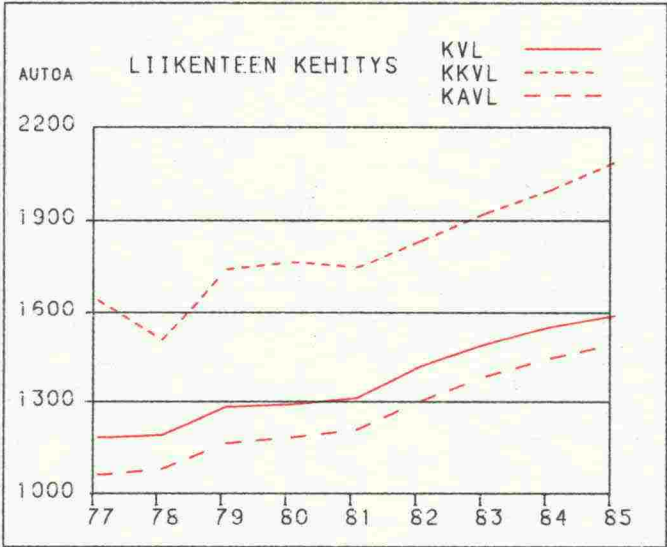
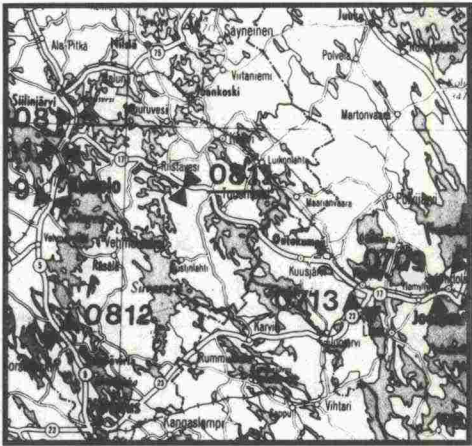
85 %

LA + KAIP

9 %

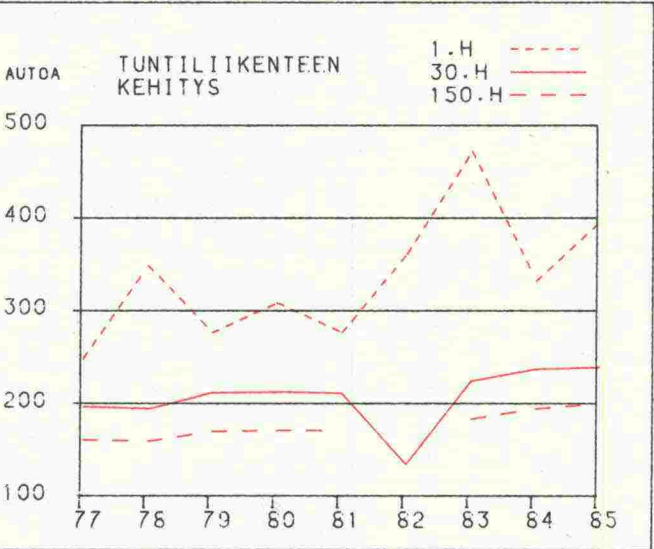
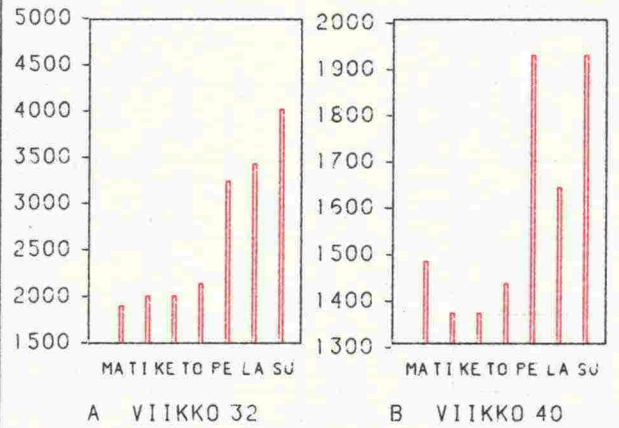
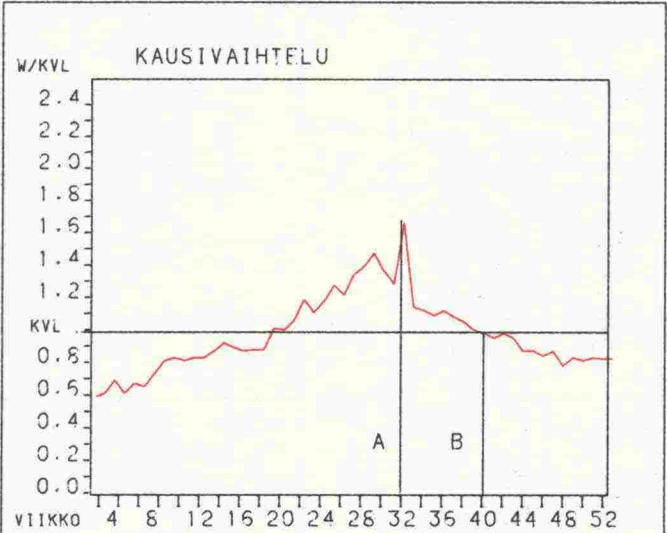
KAPP + KATP

6 %



H	Q	PE-SU (*)	KERTYMA
1	397	100	0.1
50	232	94	2.3
100	212	96	4.2
150	201	93	5.0
300	175	83	10.8
1000	129	64	28.8
5000	48	42	89.2

(\*) MONTAKO Z KO-ENSIMMAISISTA TUNNEISTA OSUO PE-SU:ELLE.

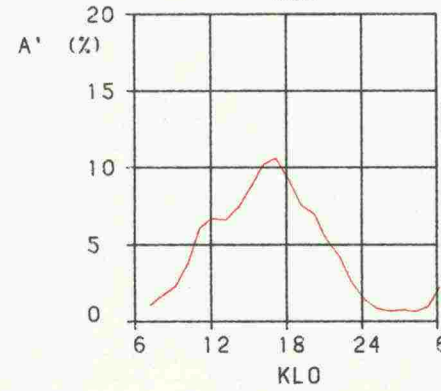
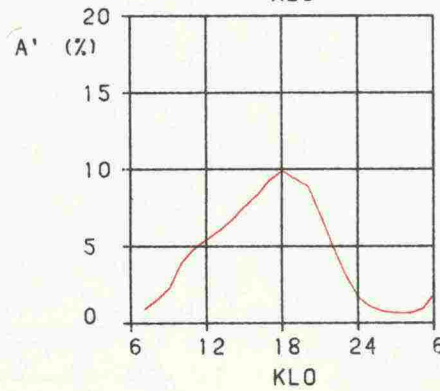
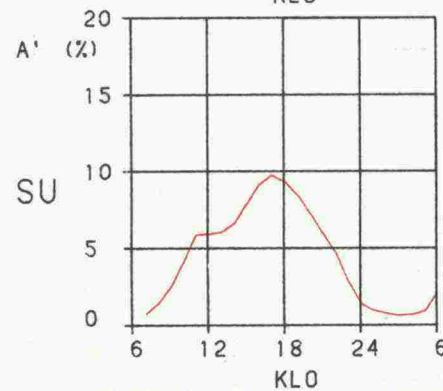
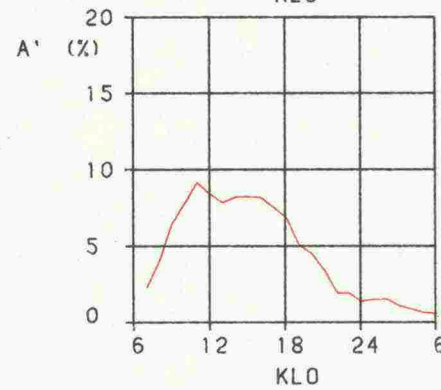
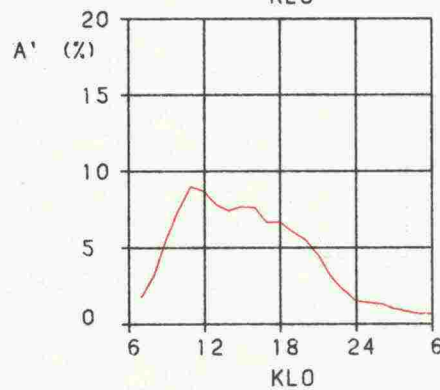
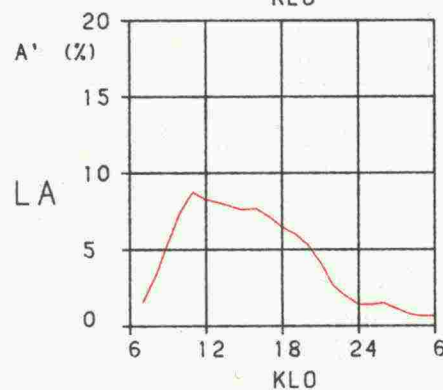
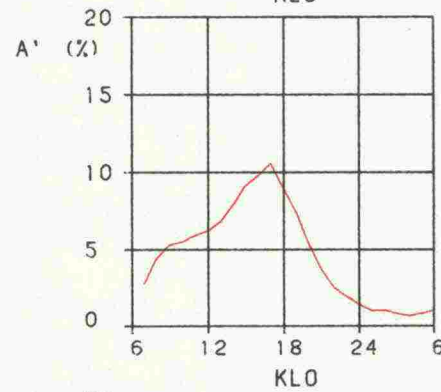
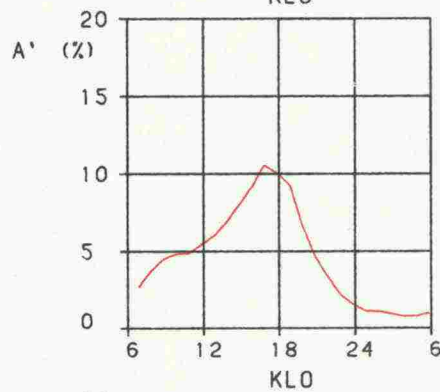
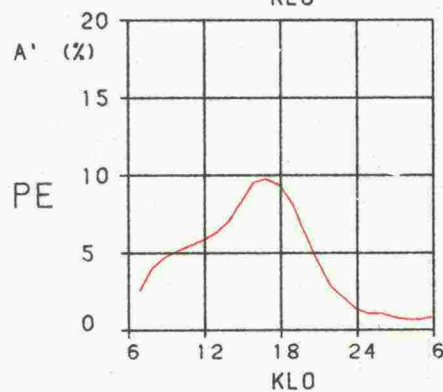
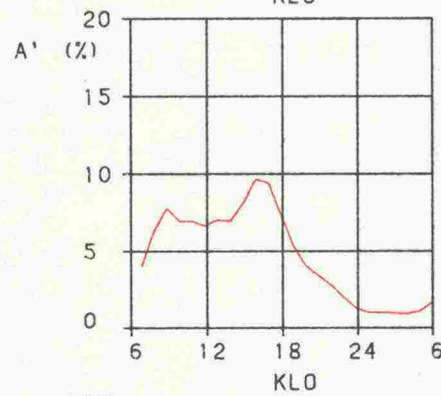
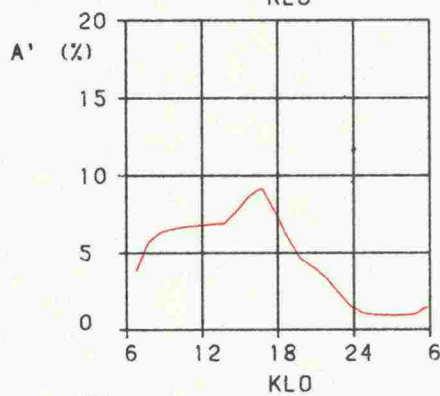
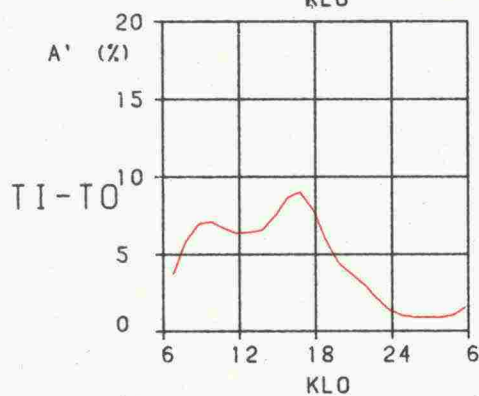
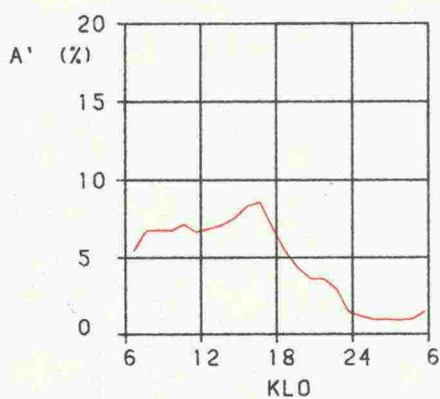
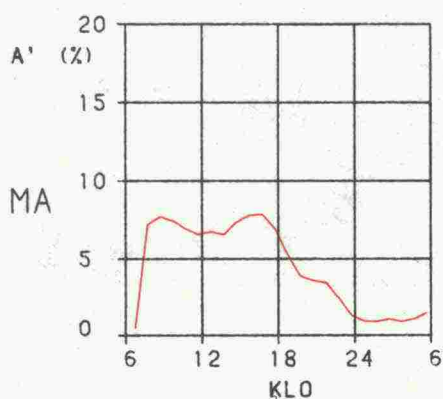


## TUNTI VAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU





KVL 3650

B' (SU/KESA) 1.14

KAVL 3459

KKVL 4687

D' 1.28

ARKILIIKENTEN KOOSTUMUS

HA + PA

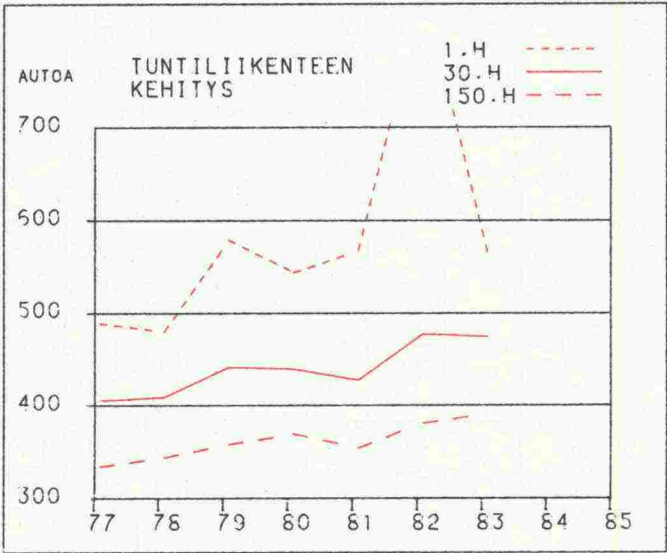
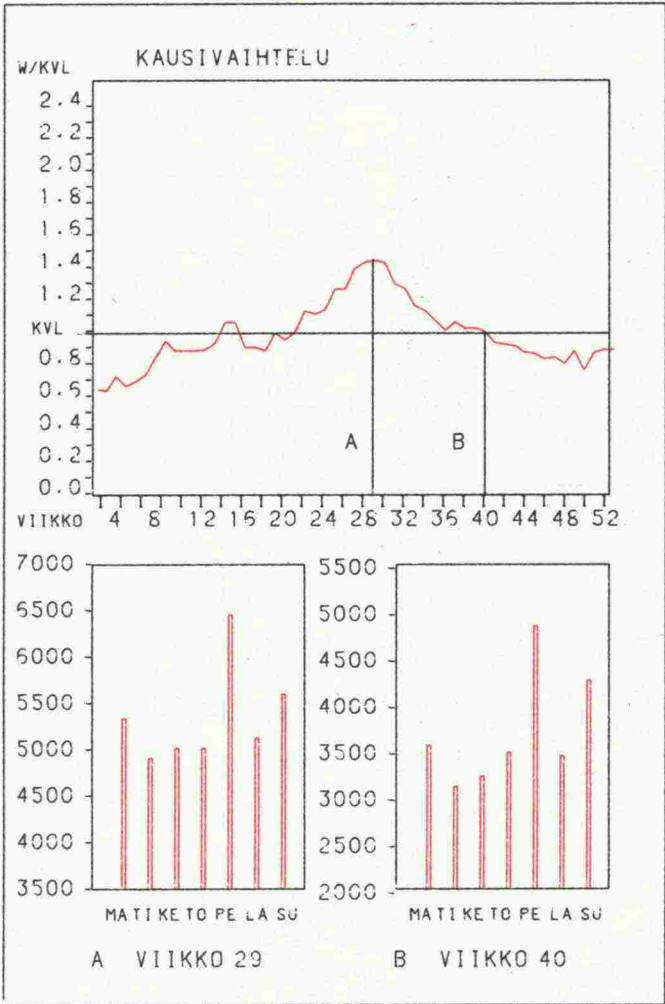
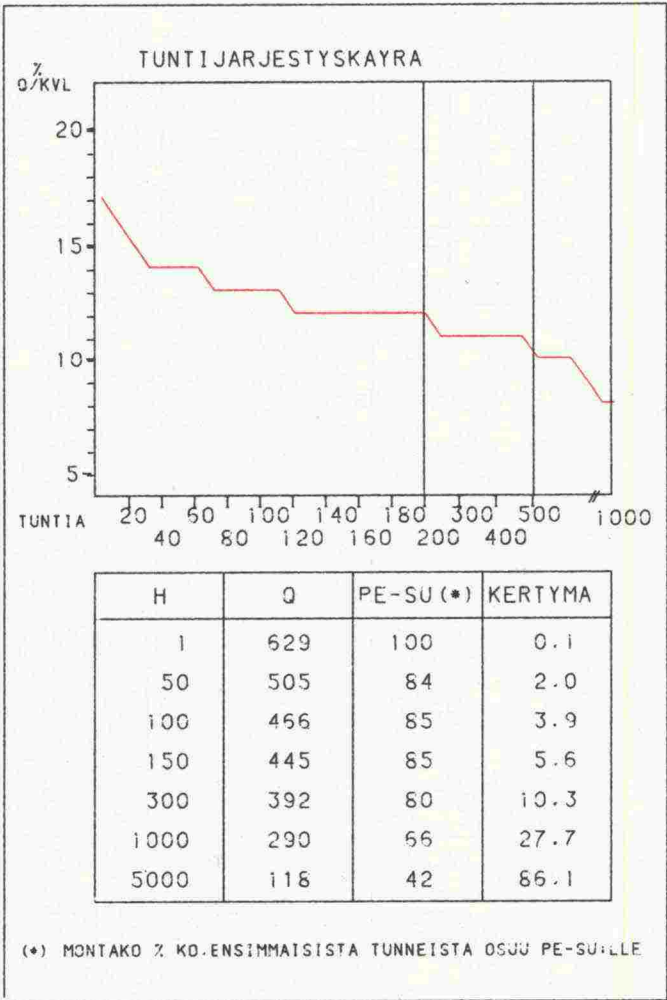
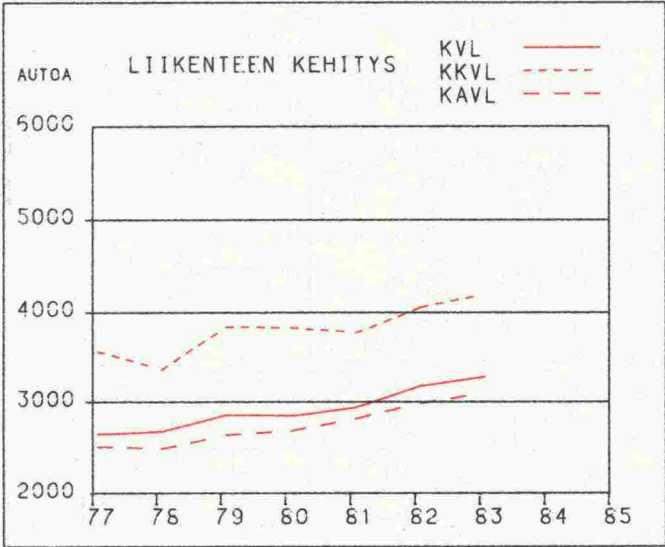
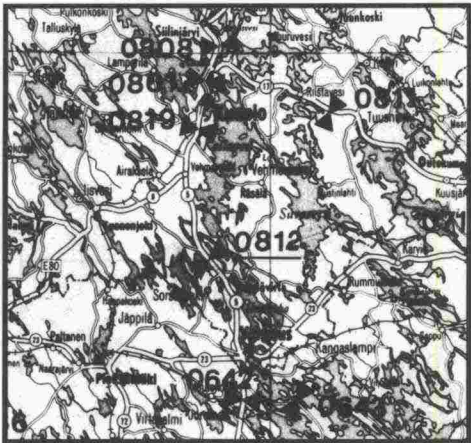
82 %

LA + KAIP

6 %

KAPP + KATP

12 %

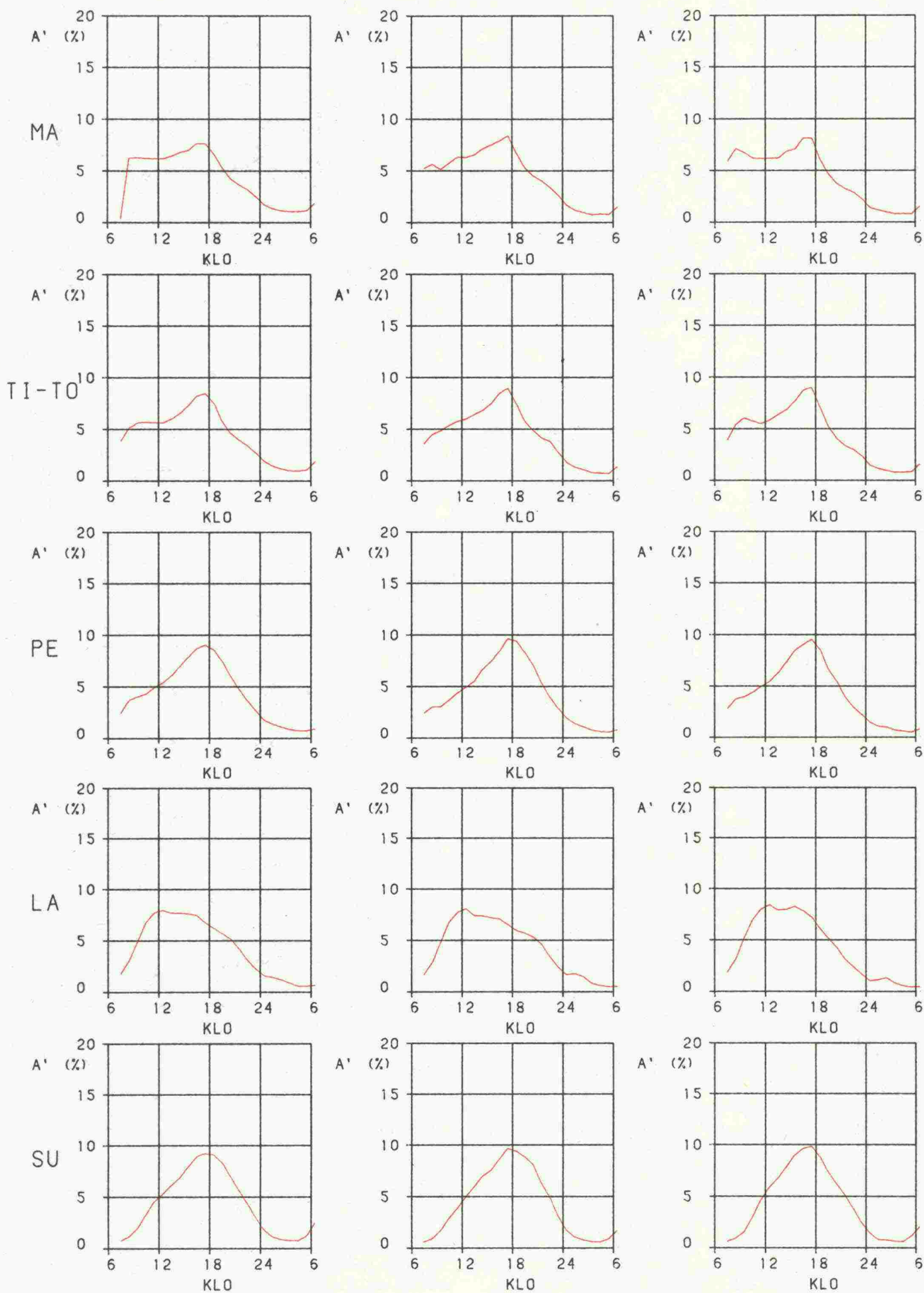


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU





KVL 13529

B' (SU/KESA) 0.81

KAVL 13821

KKVL 14915

D' 1.10

ARKILIIKENTEEN KOOSTUMUS

HA + PA

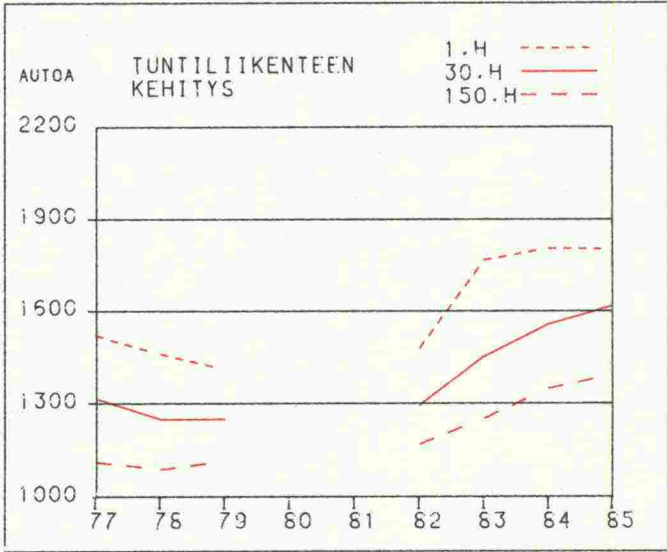
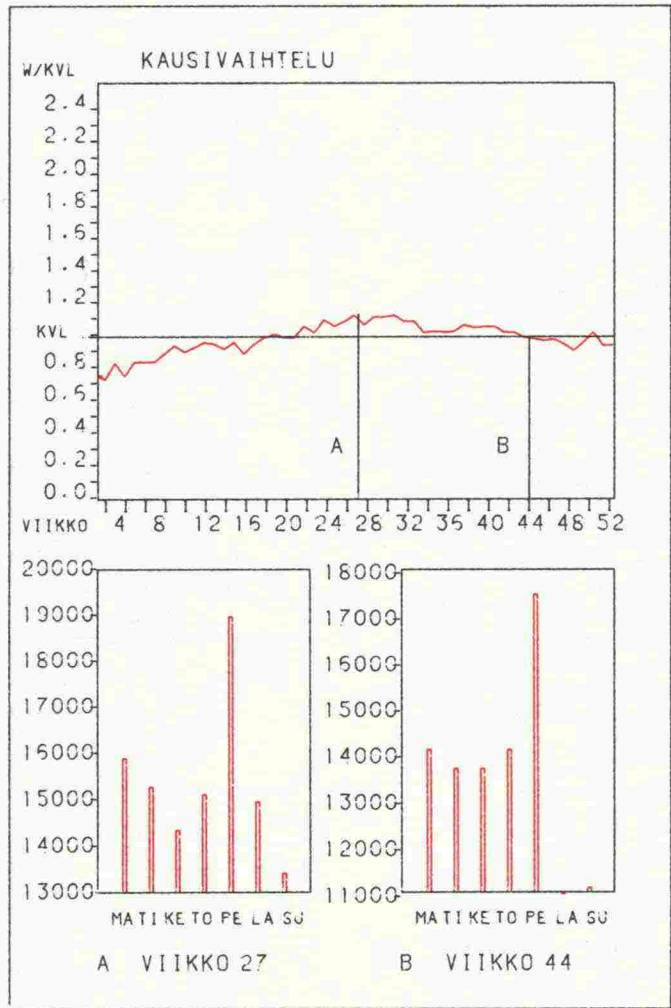
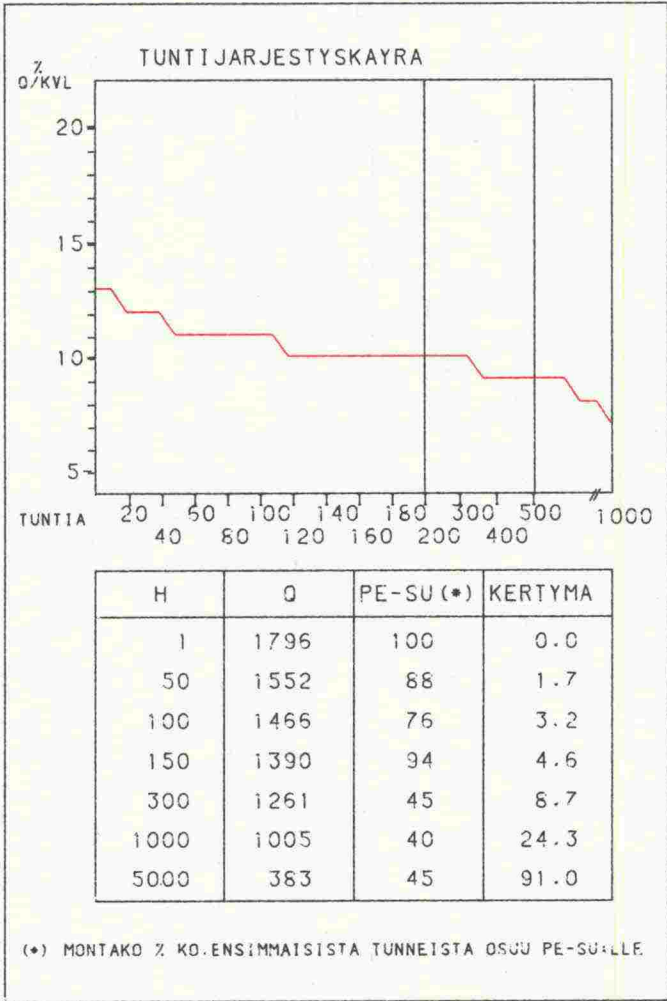
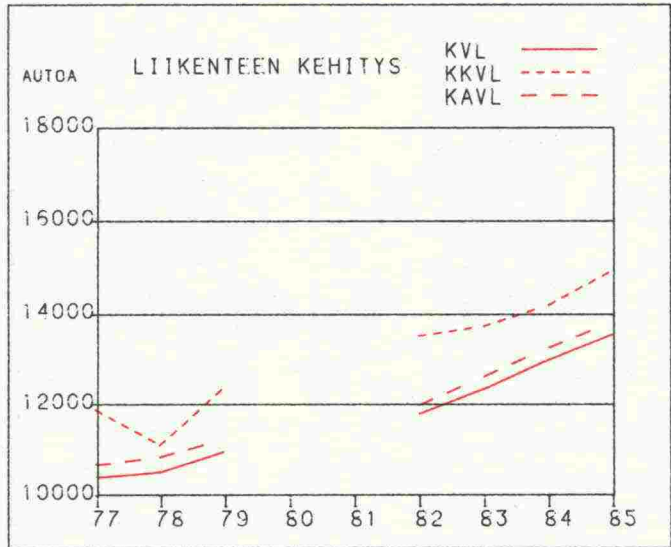
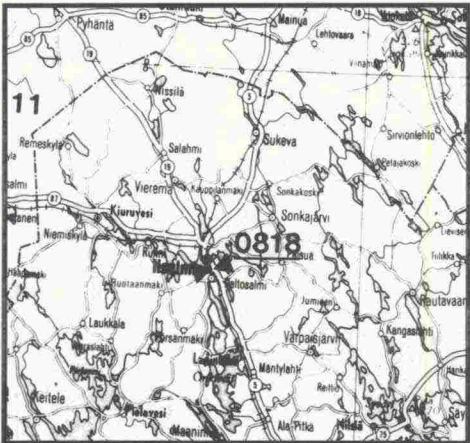
90 %

LA + KAIP

6 %

KAPP + KATP

4 %

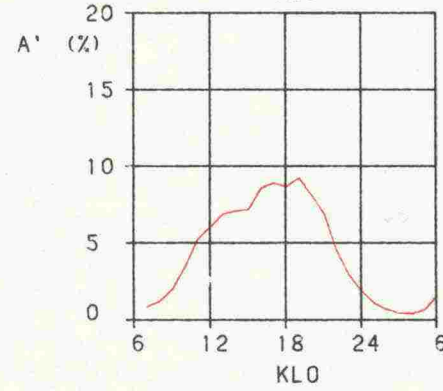
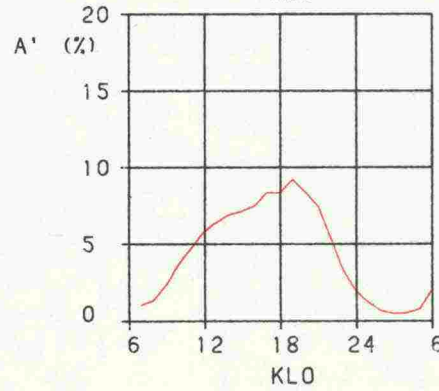
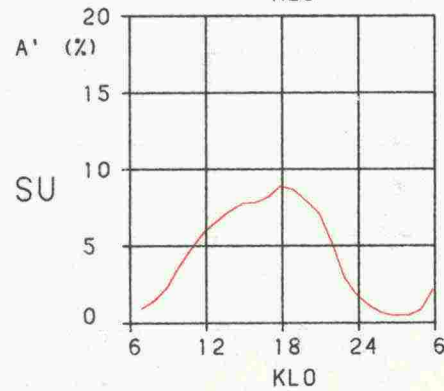
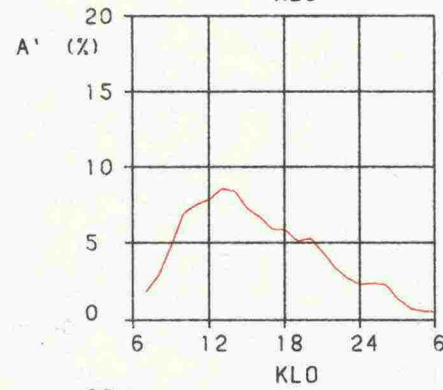
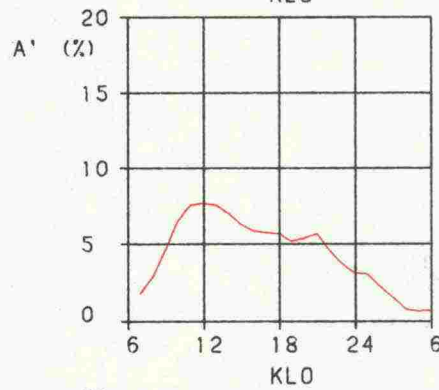
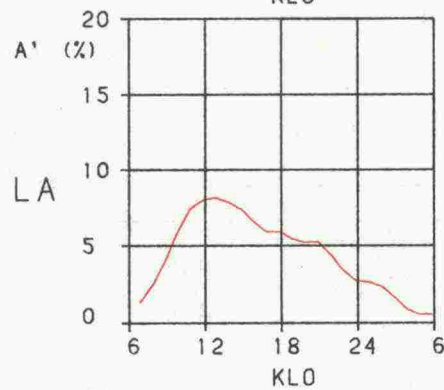
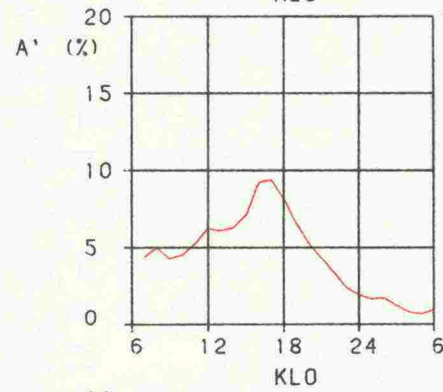
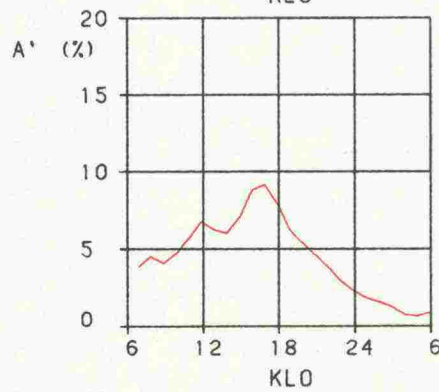
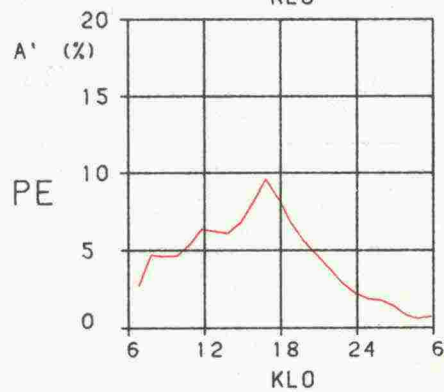
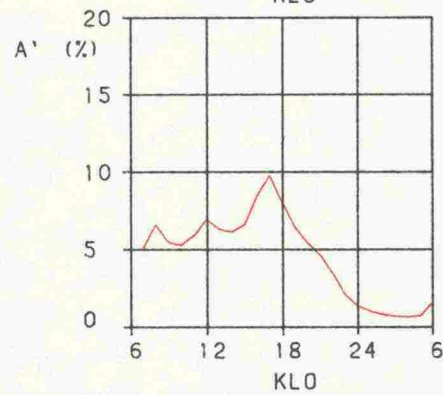
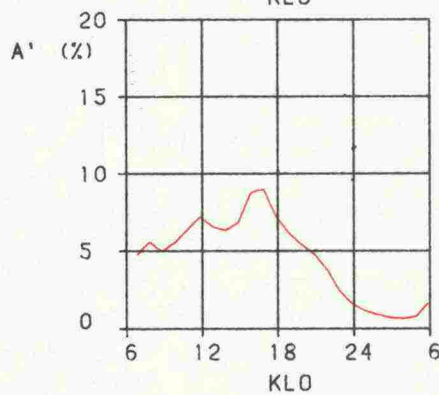
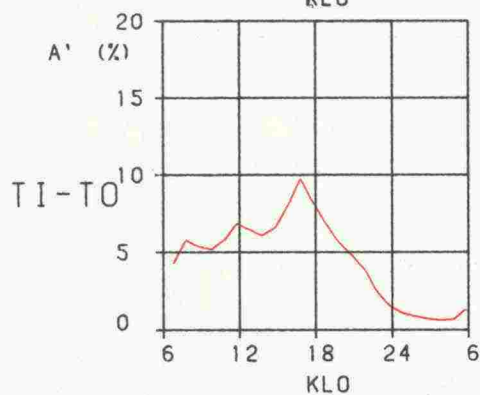
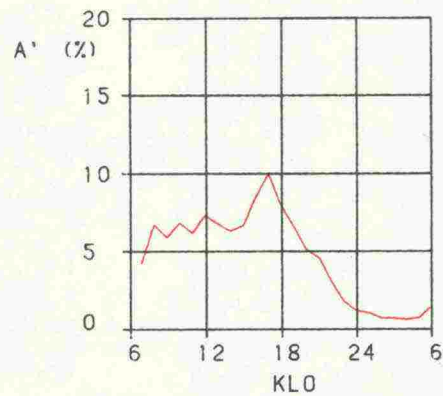
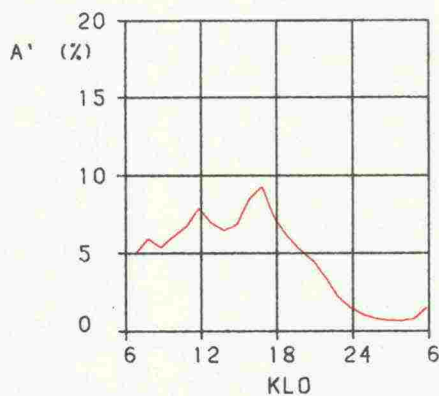
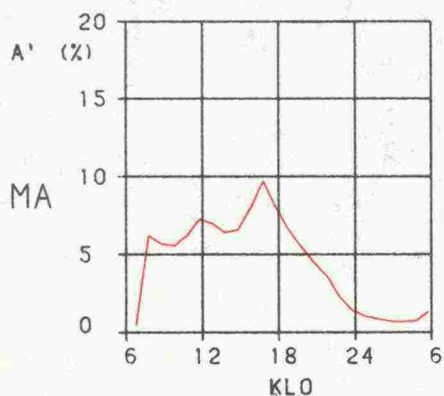


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU



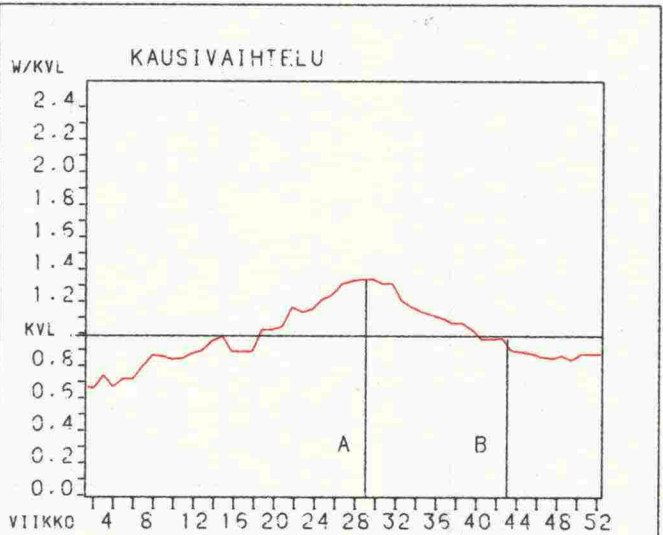
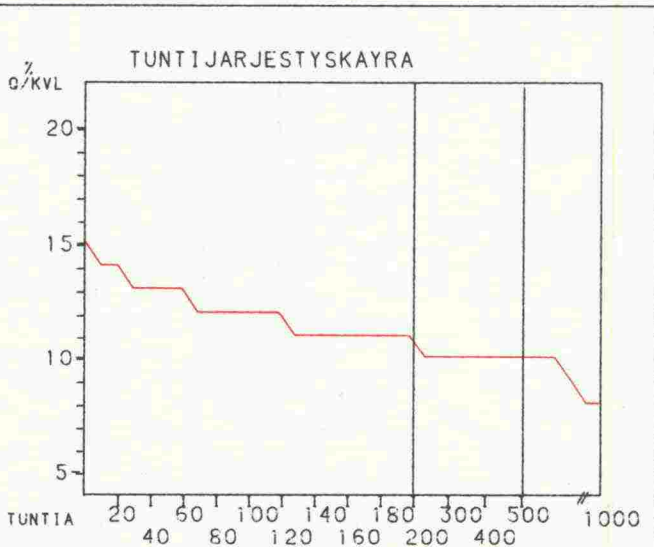
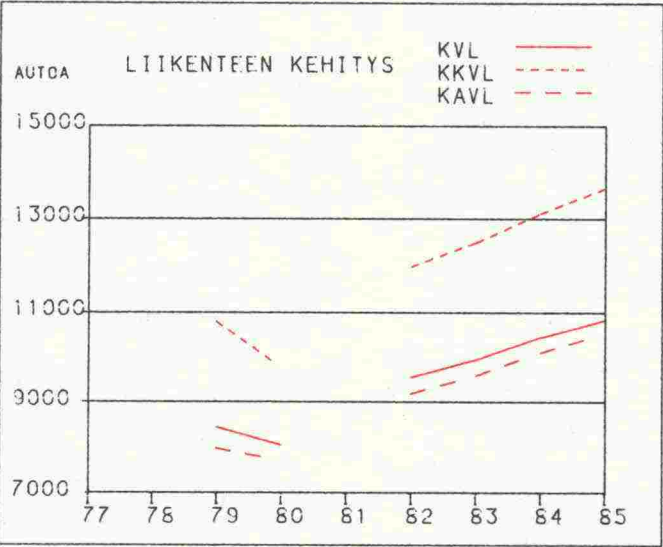
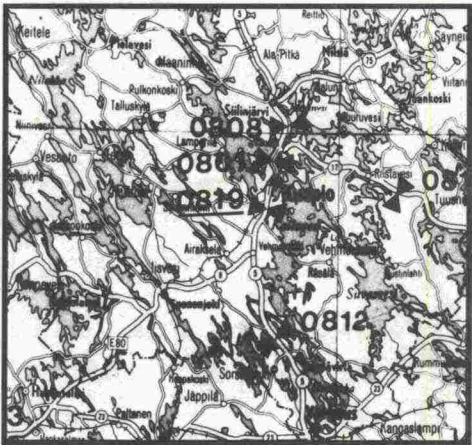


819KUOPIO/PITKAL'AHTI 1985  
VT5 TIEOSA 161 ETAISYYS 0.7 KM

KVL 10771 B' (SU/KESA) 1.03  
KAVL 10463  
KKVL 13596 D' 1.26

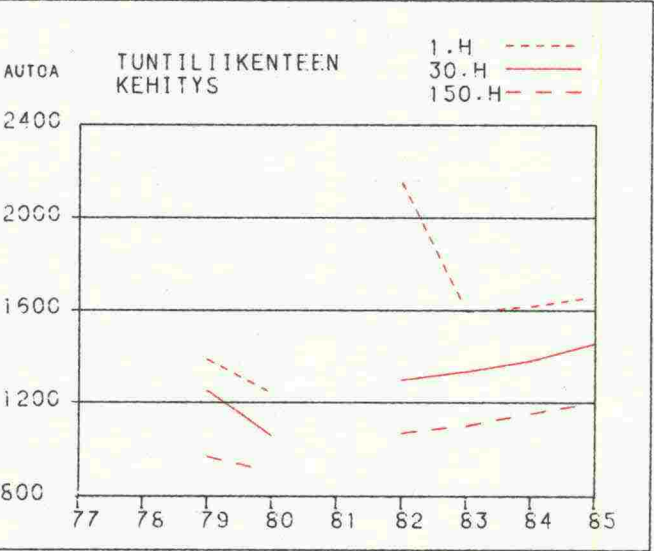
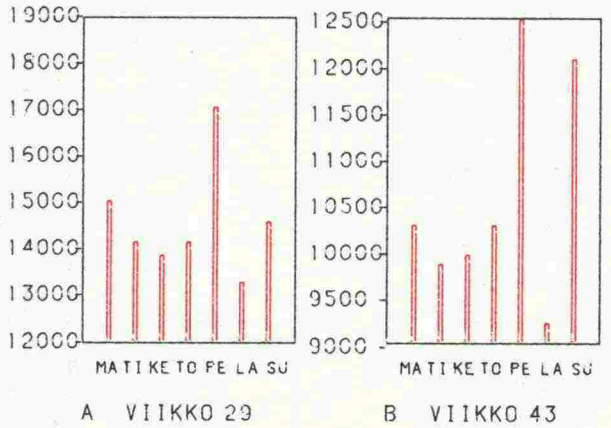
ARKILIIKENTEEN KOOSTUMUS

HA + PA 86 %  
LA + KAIP 8 %  
KAPP + KATP 6 %



H	Q	PE-SU (*)	KERTYMA
1	1653	100	0.0
50	1387	92	1.9
100	1264	84	3.6
150	1196	80	5.1
300	1086	70	9.4
1000	835	56	26.2
5000	371	41	86.2

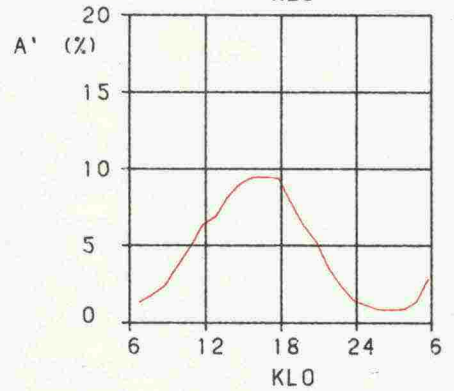
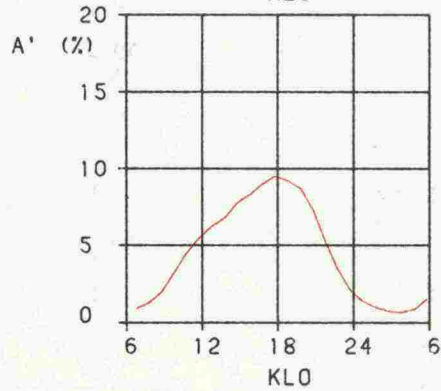
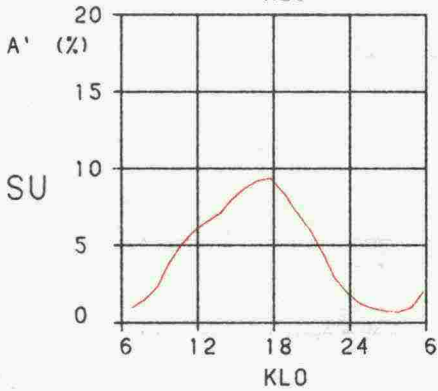
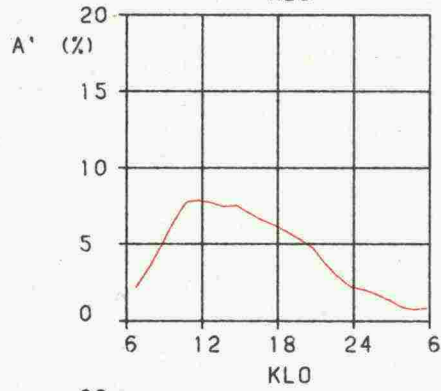
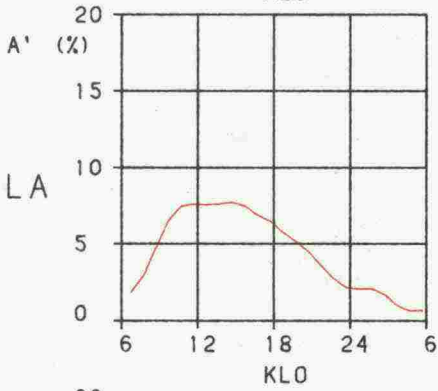
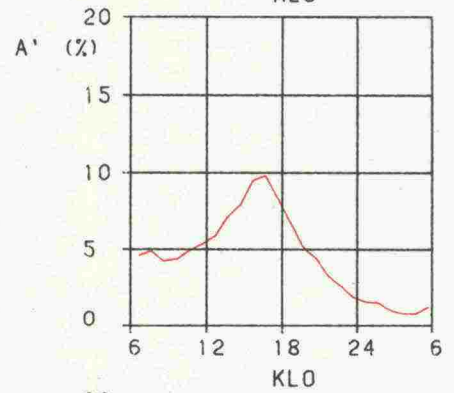
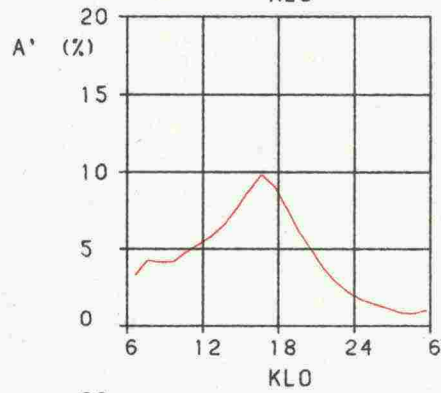
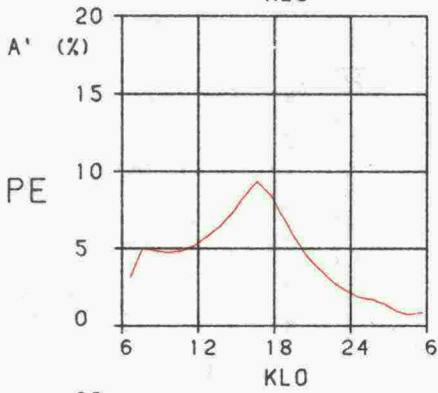
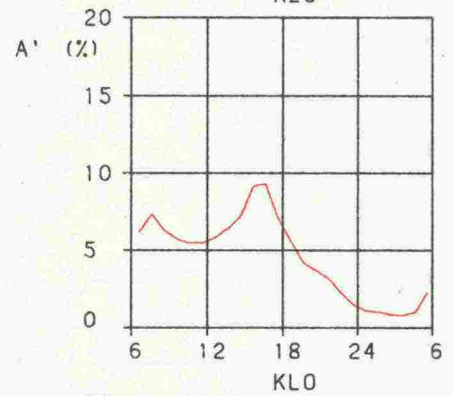
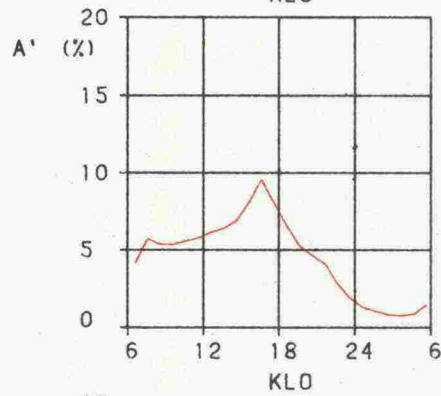
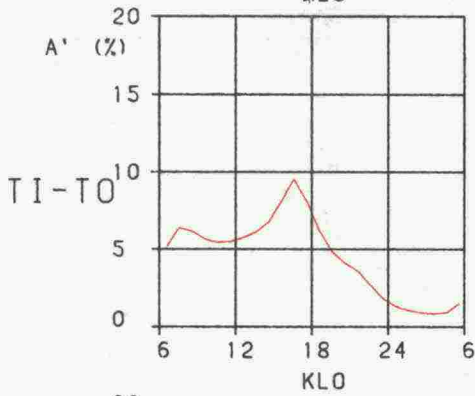
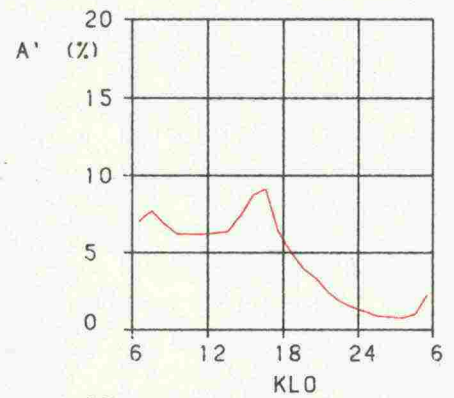
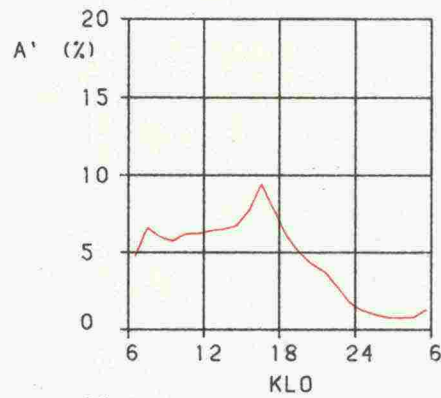
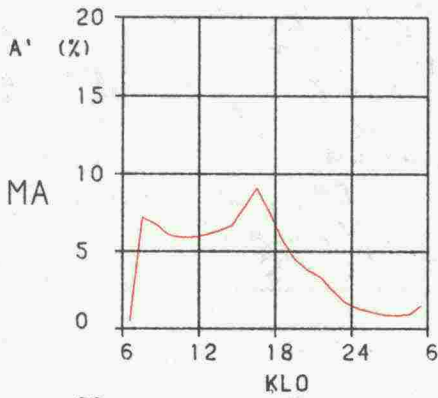
(\*) MONTAKO % KO-ENSIMMAISISTA TUNNEISTA OSUUS PE-SU:ELLE



HELMIKUU

HEINAKUU

LOKAKUU





907

JYVÄSKYLÄ

1985

VT4

TIEOSA 234 ETAISYYS 2.1 KM

KVL 8646

B' (SU/KESA) 1.04

KAVL 8253

KKVL 11002

D' 1.27

ARKILIIKENTEEN KOOSTUMUS

HA + PA

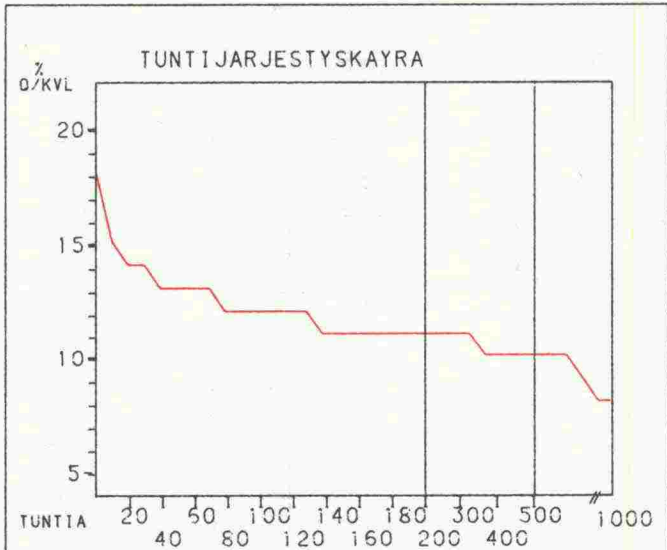
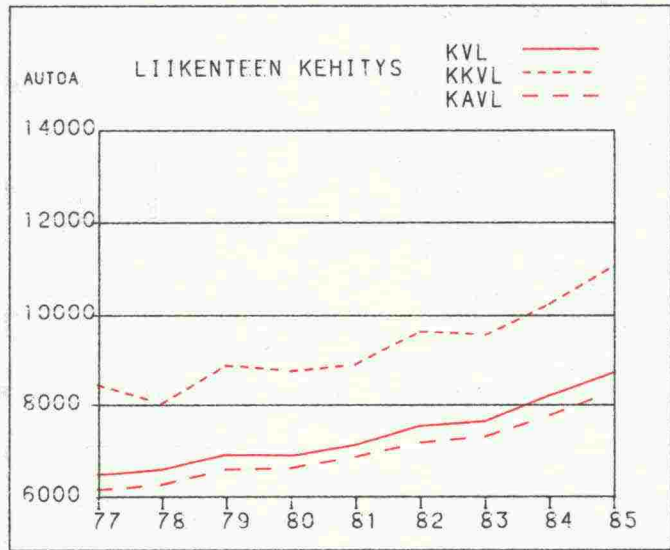
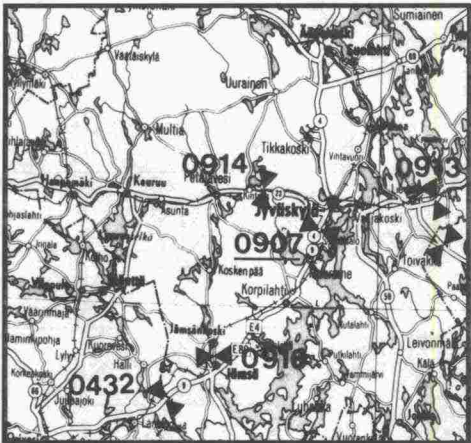
89 %

LA + KAIP

6 %

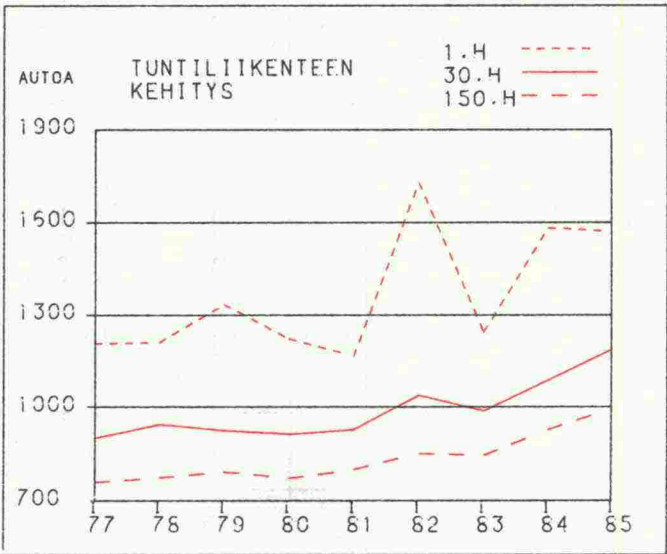
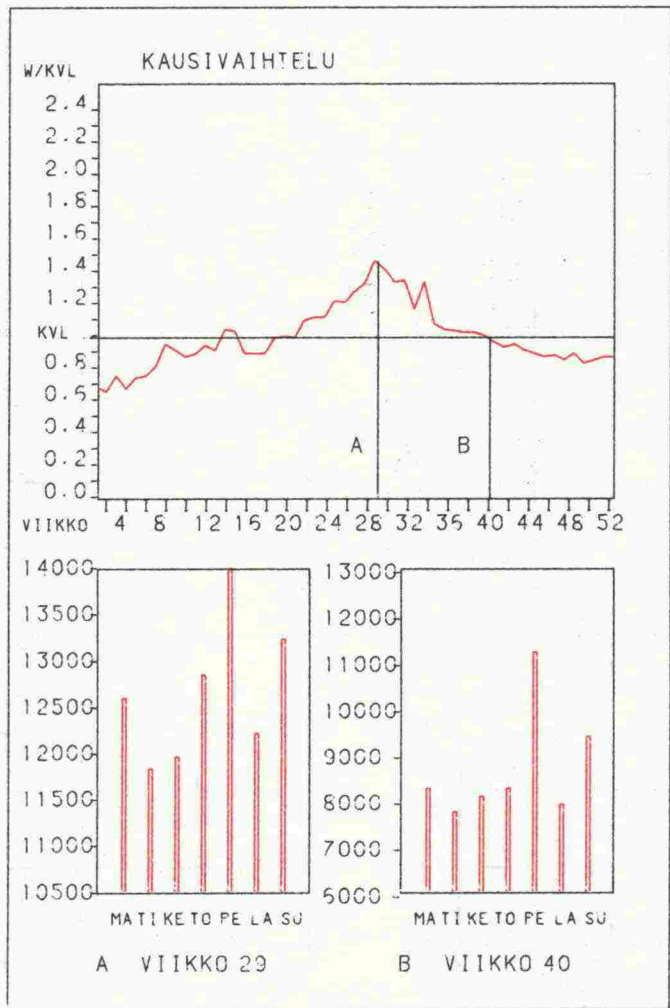
KAPP + KATP

5 %



H	Q	PE-SU (*)	KERTYMA
1	1558	100	0.1
50	1117	88	1.9
100	1042	80	3.6
150	985	79	5.2
300	888	74	9.7
1000	680	58	26.7
5000	296	41	84.5

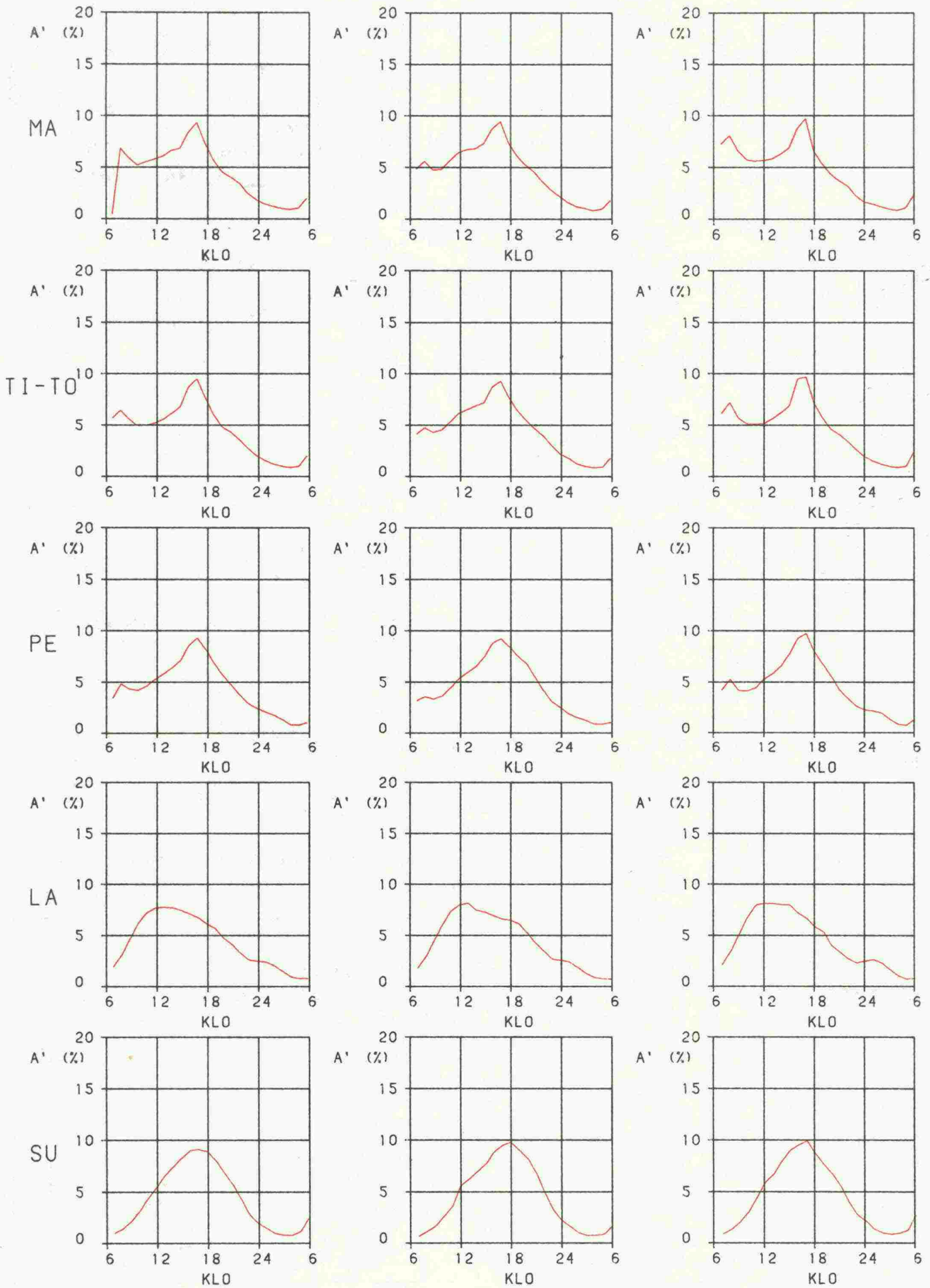
(\*) MONTAKO % KO-ENSIMMAISISTA TUNNEISTA OSU PE-SU:LE



HELMIKUU

HEINAKUU

LOKAKUU





910 AÄNEKOSKI

1985

VT4 TIEOSA 310 ETAISYYS 1.4 KM

KVL 3231

B' (SU/KESA) 1.25

KAVL 2900

KKVL 4494

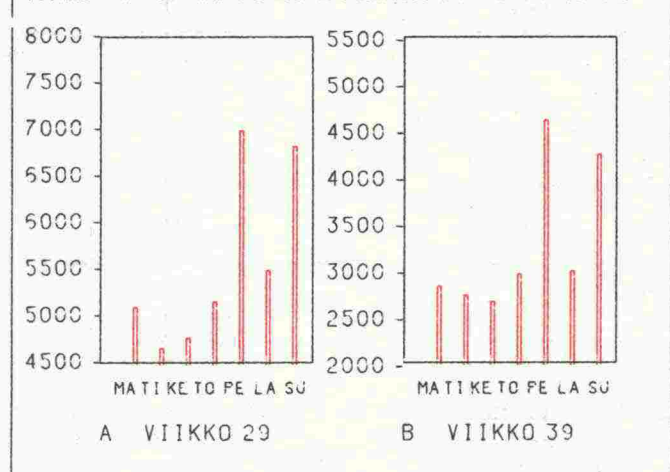
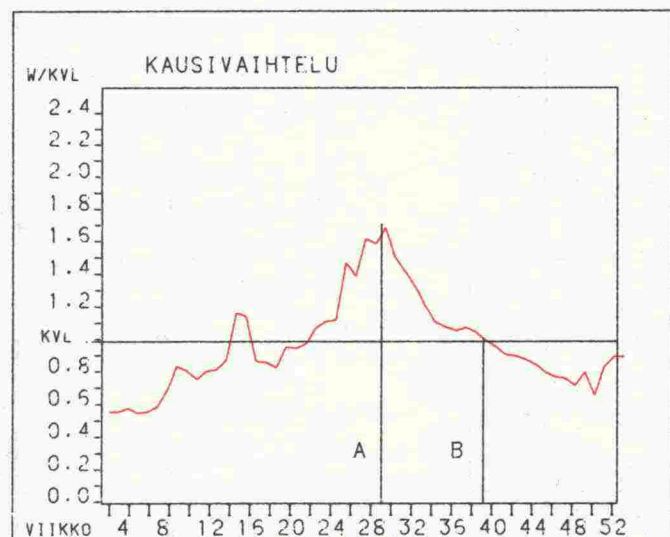
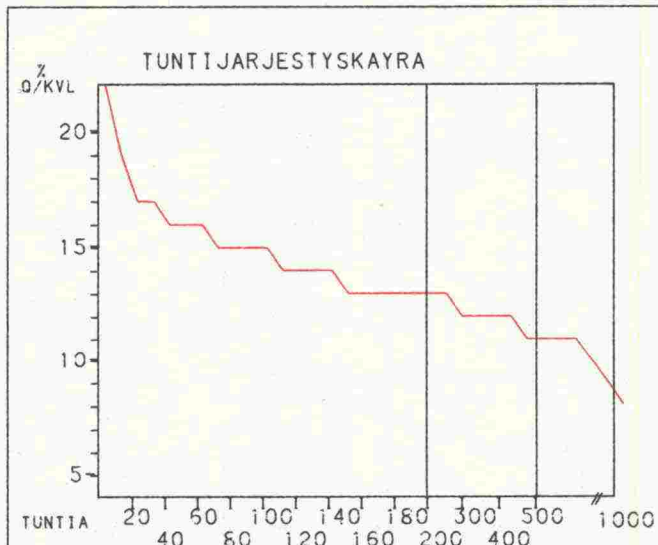
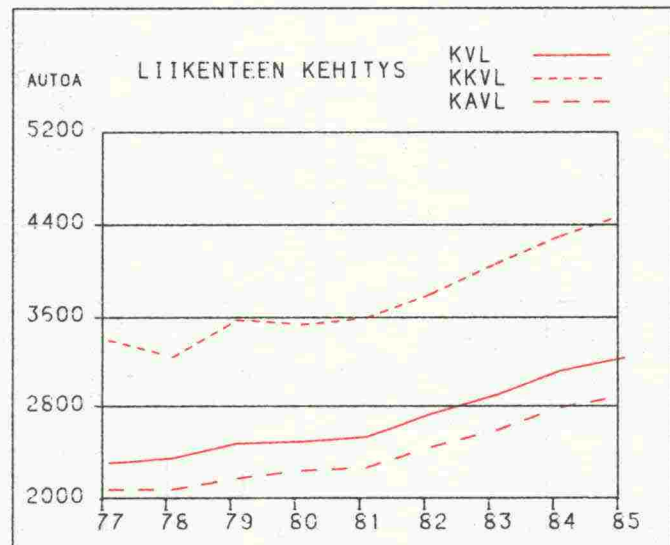
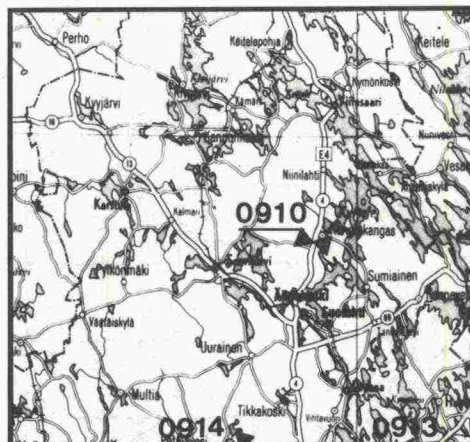
D' 1.39

## ARKILIIKENTEEN KOOSTUMUS

HA + PA 82 %

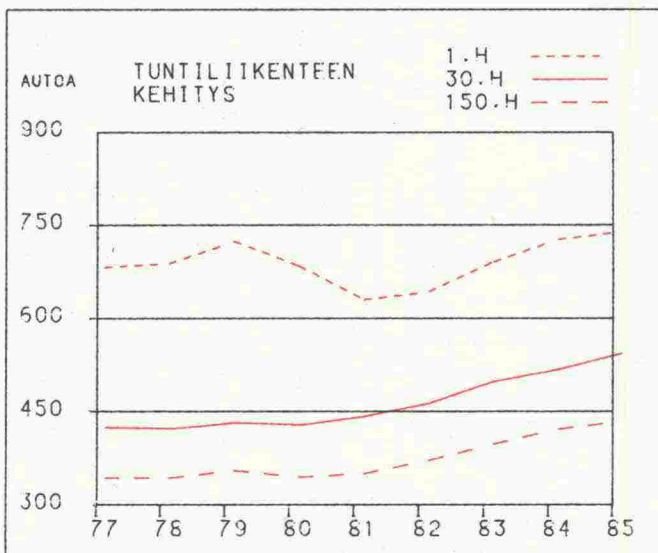
LA + KAIP 7 %

KAPP + KATP 11 %



H	Q	PE-SU (*)	KERTYMA
1	740	100	0.1
50	511	66	2.4
100	470	80	4.5
150	435	84	6.4
300	377	85	11.6
1000	260	67	29.9
5000	102	43	84.8

(\*) MONTAKO % KO. ENSIMMAISISTA TUNNEISTA OSUUS PE-SU:LLA.

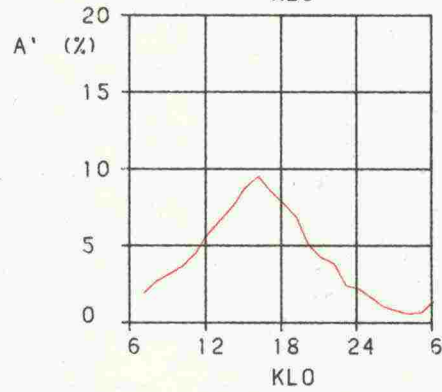
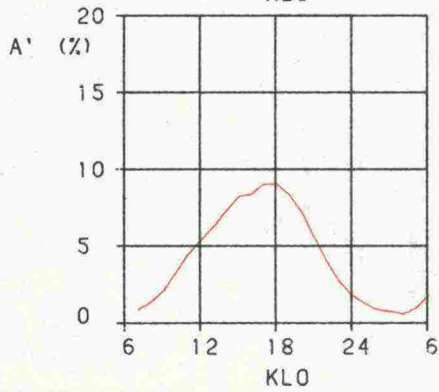
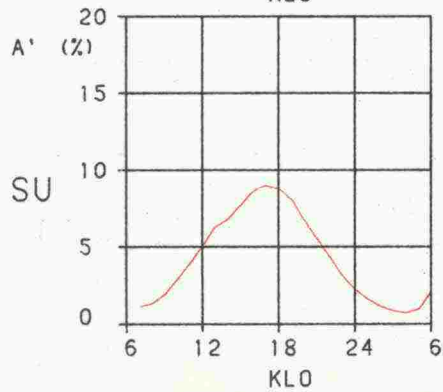
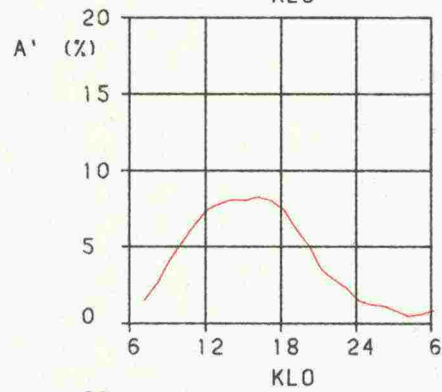
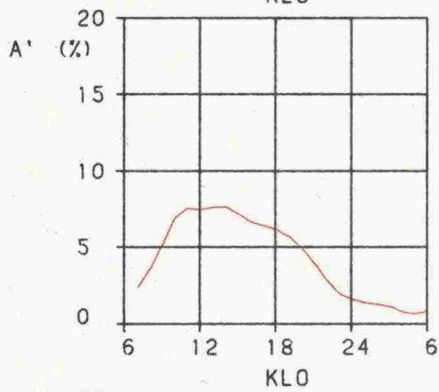
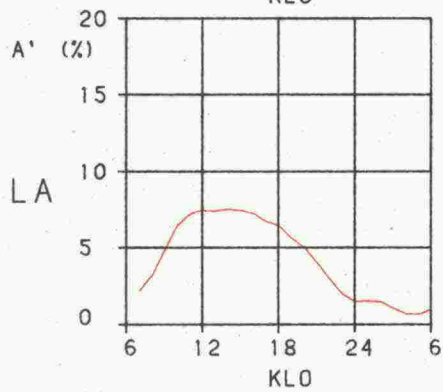
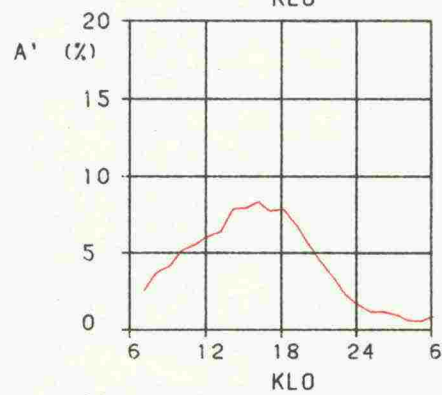
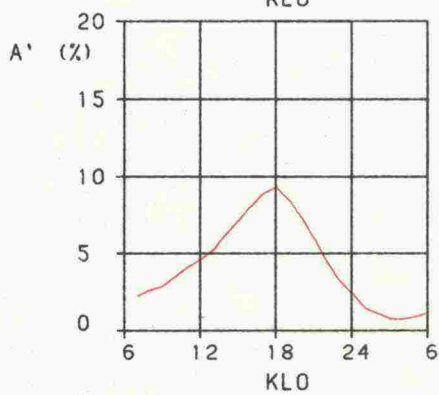
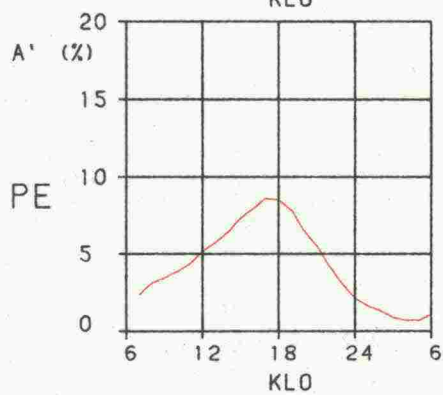
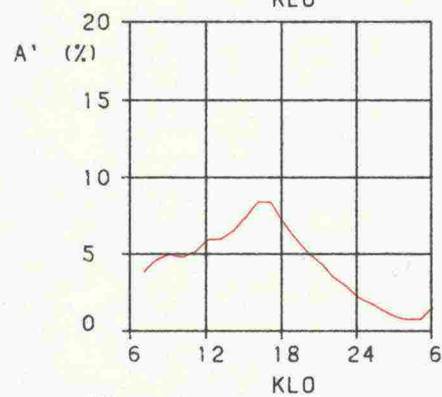
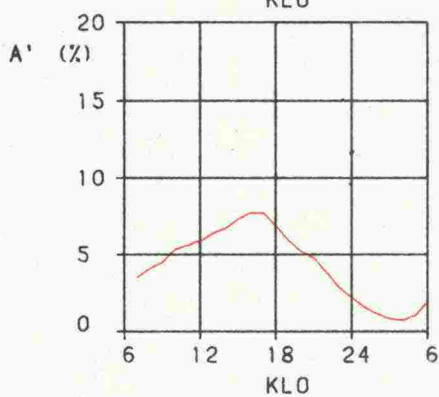
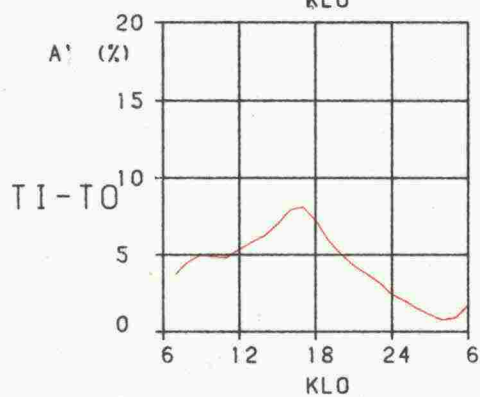
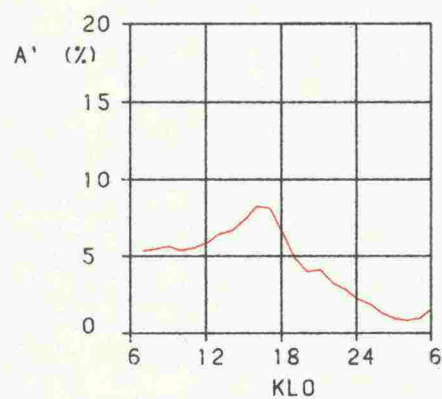
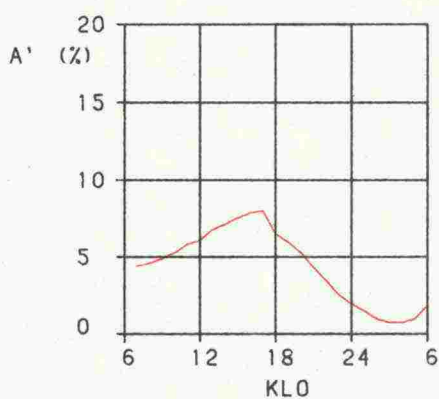
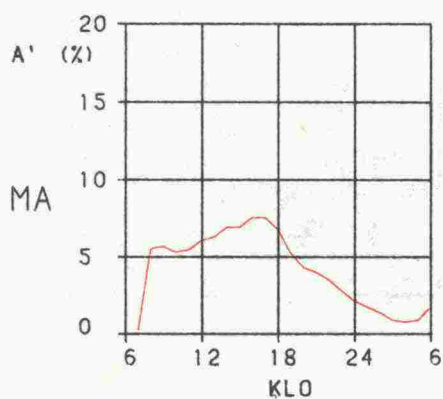


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU





913
LIEVESTUORE
VT9

1985
TIEOSA 307 ETAISYYS 5.4 KM

KVL
3474
KAVL
3151
KKVL
4968

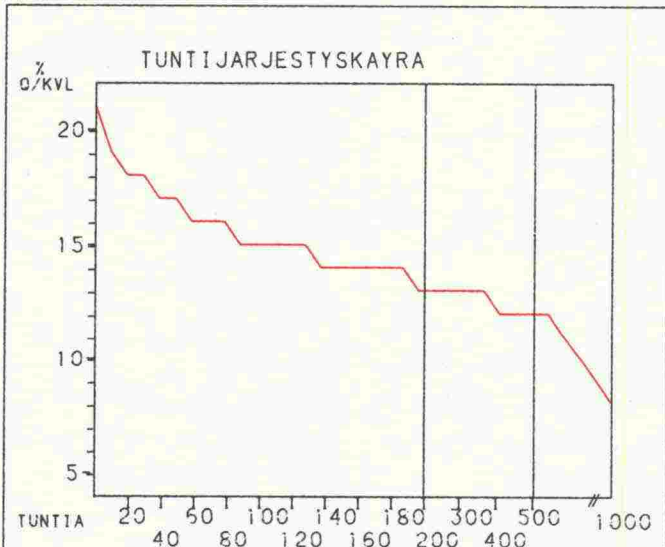
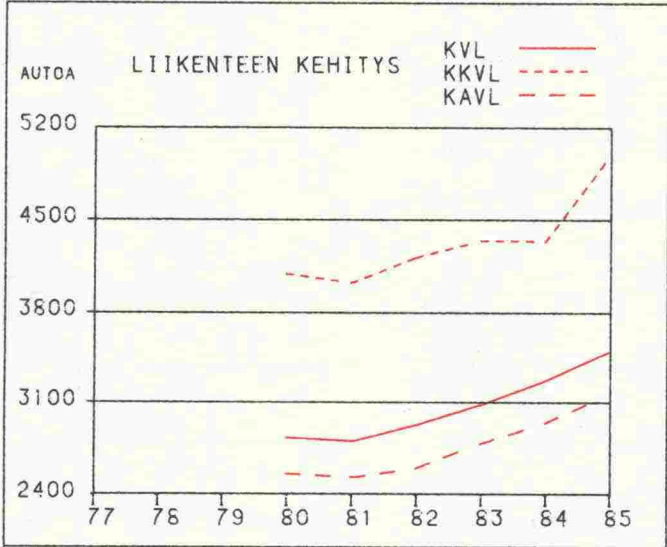
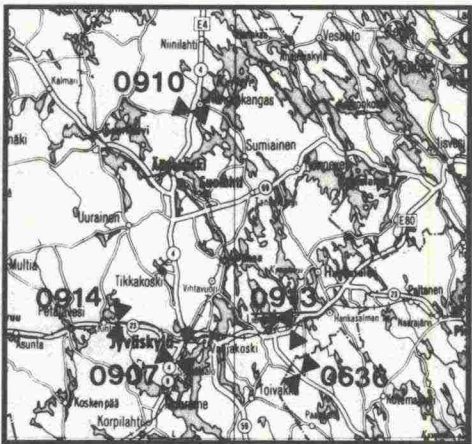
B' (SU/KESA) 1.23
D' 1.43

ARKILIIKENTEEN KOOSTUMUS

HA
LA
KAPP

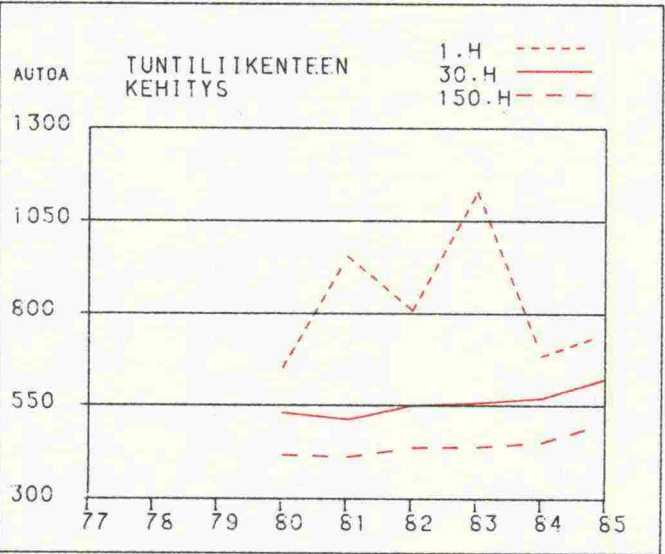
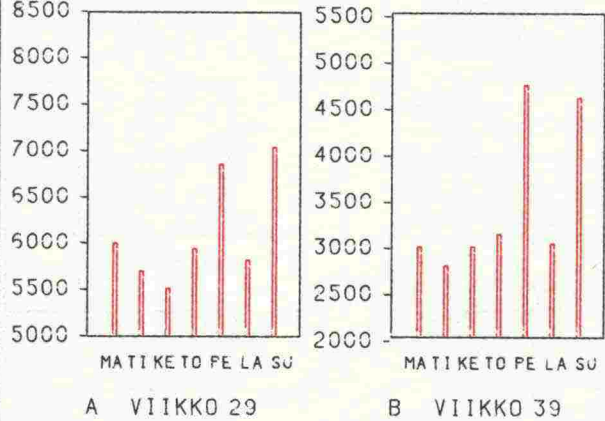
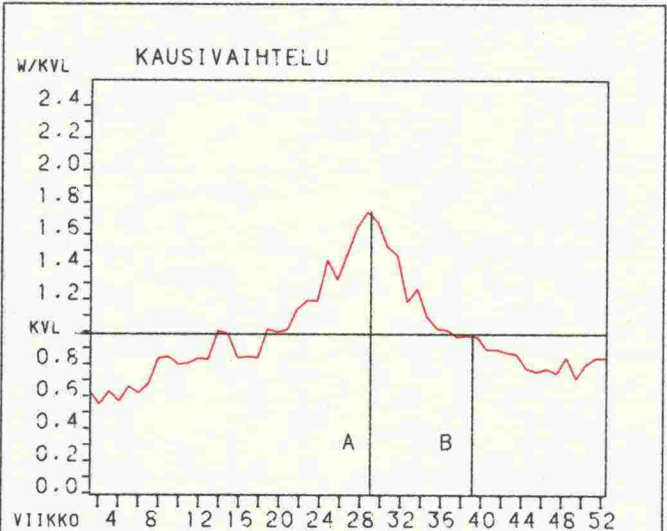
+ PA
+ KAIP
+ KATP

84 %
7 %
9 %



H	Q	PE-SU (*)	KERTYMA
1	736	100	0.1
50	581	82	2.5
100	524	88	4.7
150	494	88	6.7
300	432	82	12.1
1000	281	69	31.0
5000	108	43	86.9

(\*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUUS PE-SU:LLA.

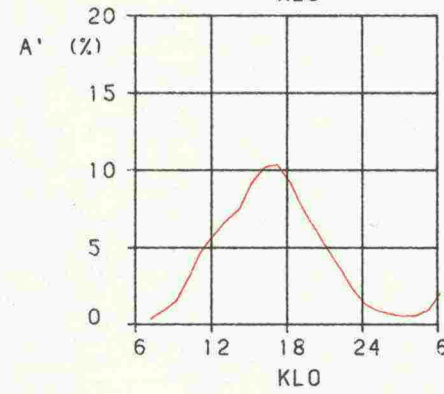
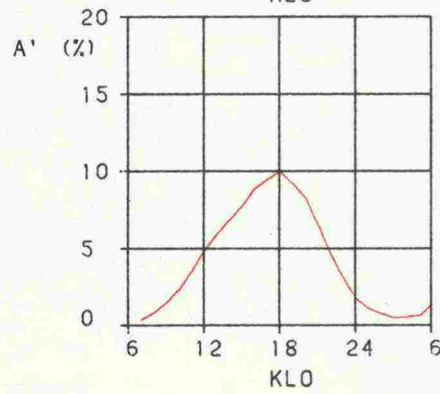
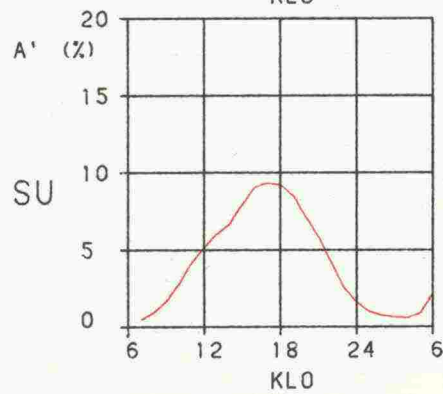
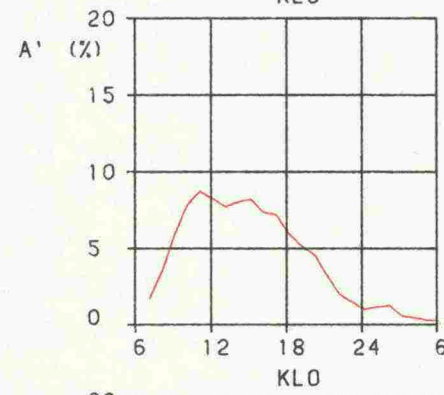
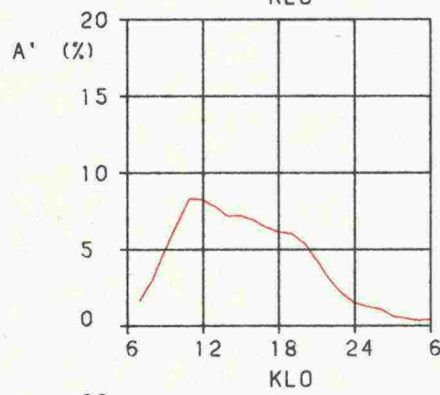
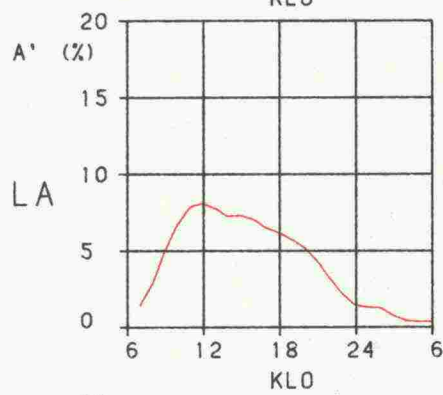
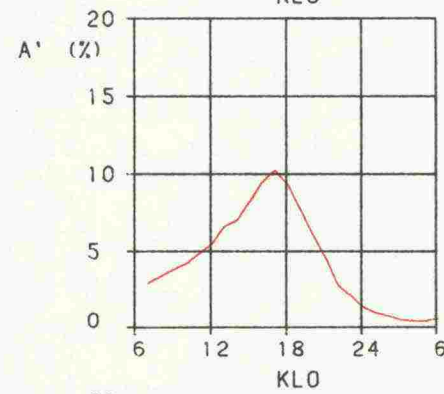
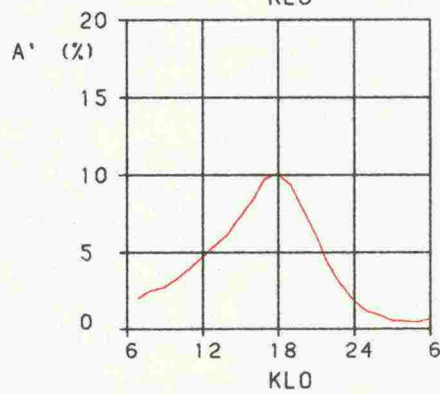
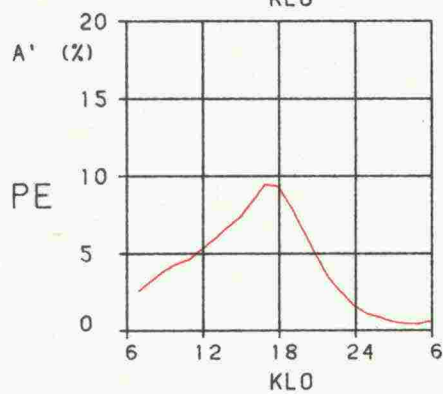
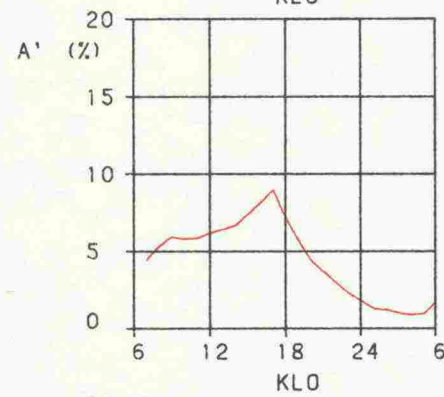
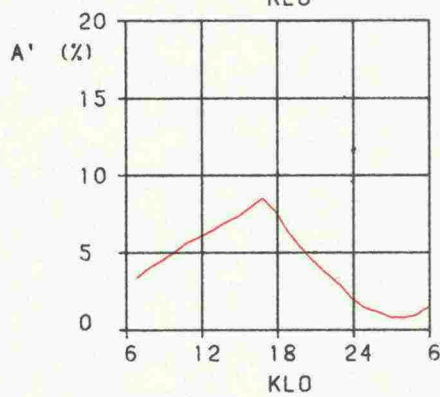
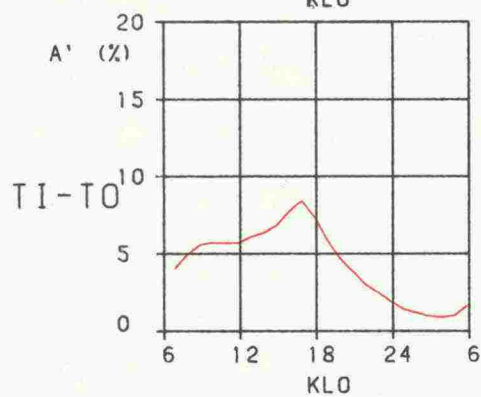
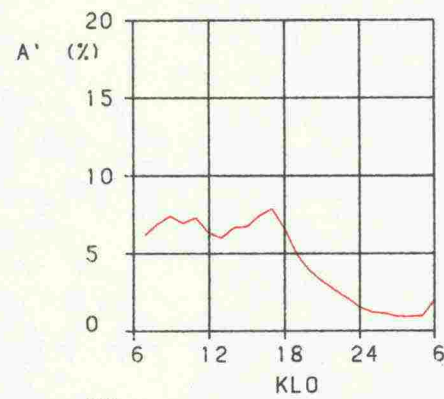
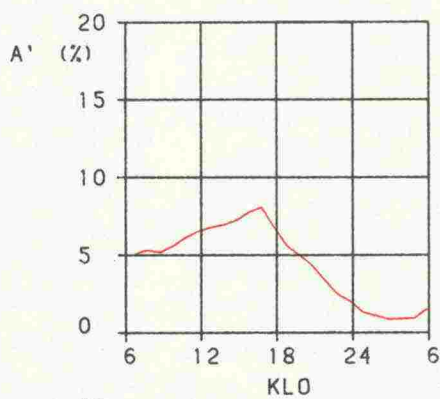
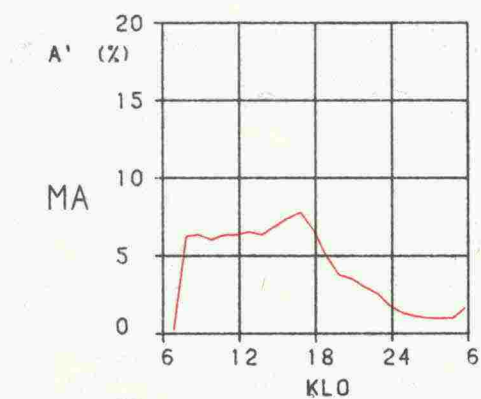


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU





KVL 3611

B' (SU/KESA) 1.01

KAVL 3545

D' 1.32

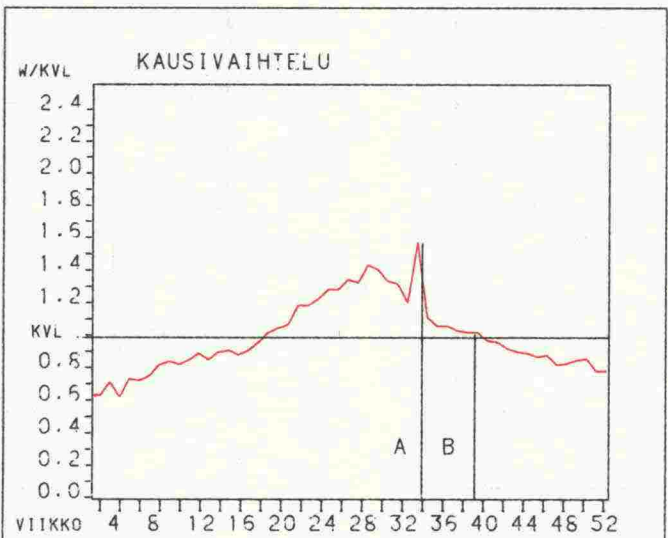
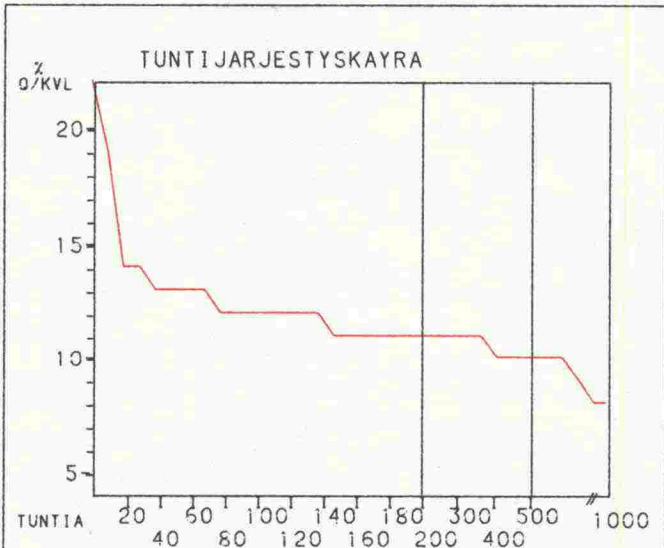
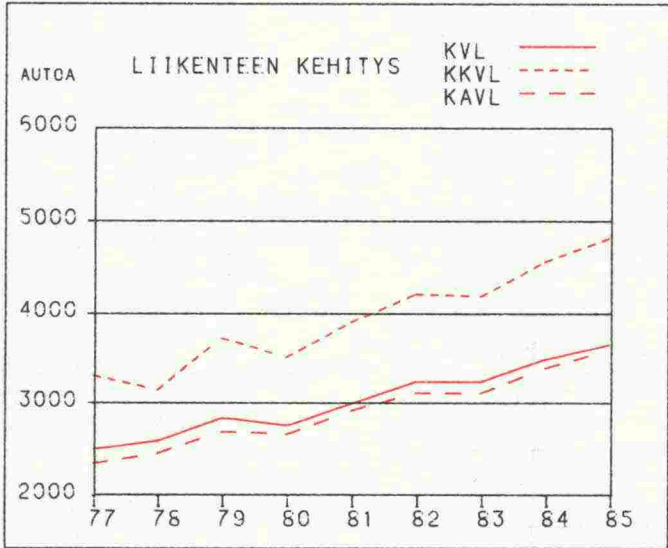
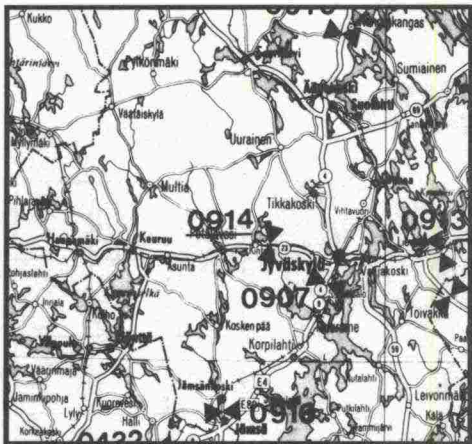
KKVL 4778

ARKILIIKENTEEN KOOSTUMUS

HA + PA 80%

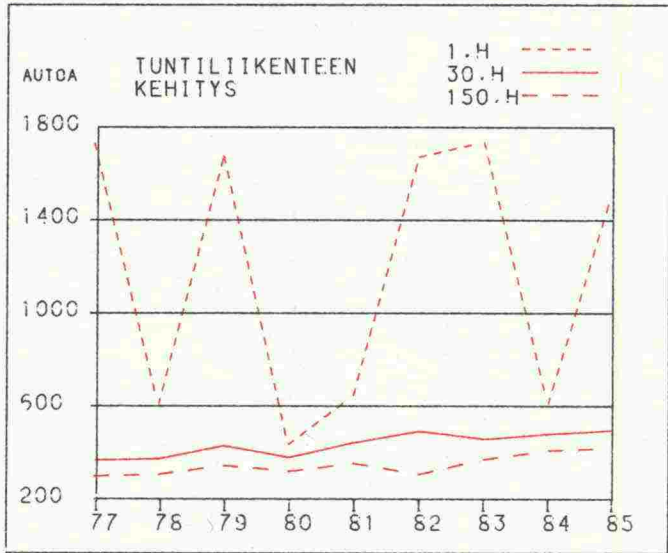
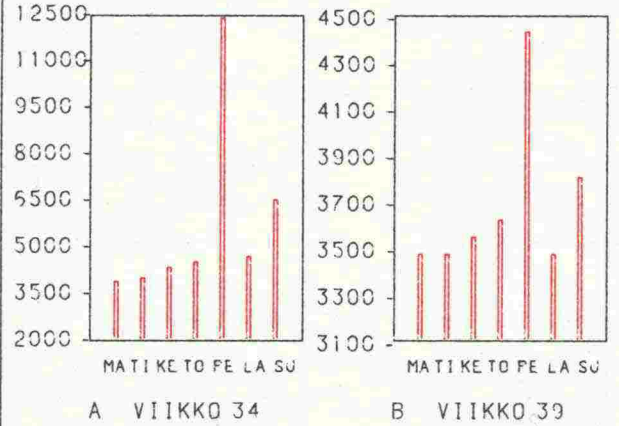
LA + KAIP 15%

KAPP + KATP 5%



H	O	PE-SU (*)	KERTYMA
1	1519	100	0.1
50	469	92	2.3
100	436	89	4.0
150	415	77	5.6
300	377	68	10.1
1000	290	53	27.4
5000	117	41	88.9

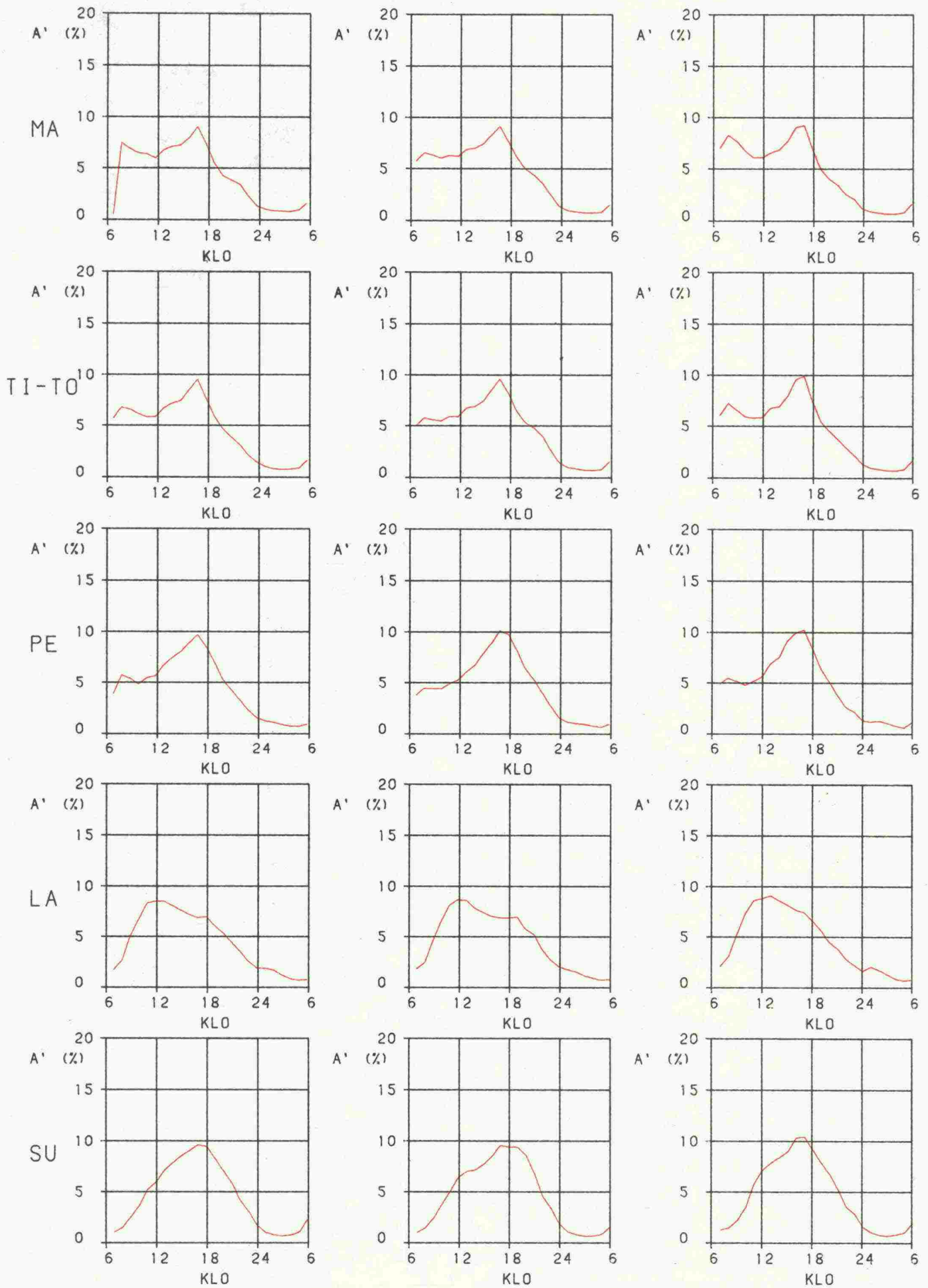
(\*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUU PE-SU:LE.



## HELMIKUU

## HEINAKUU

## LOKAKUU





916

JÄMSÄNKOSKI

1985

MT604

TIEOSA 2

ETAISYYS 3.2 KM

KVL

5165

B' (SU/KESA)

0.78

KAVL

5092

D'

1.04

KKVL

5408

ARKILIIKENTEEN KOOSTUMUS

HA

+

PA

92 %

LA

+

KAIP

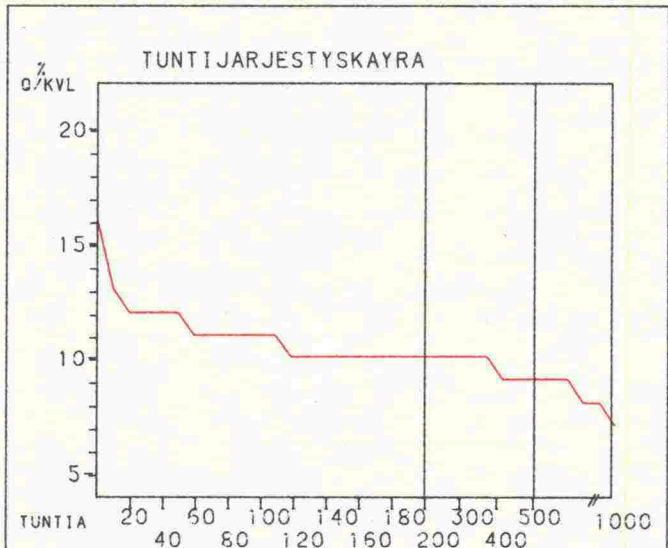
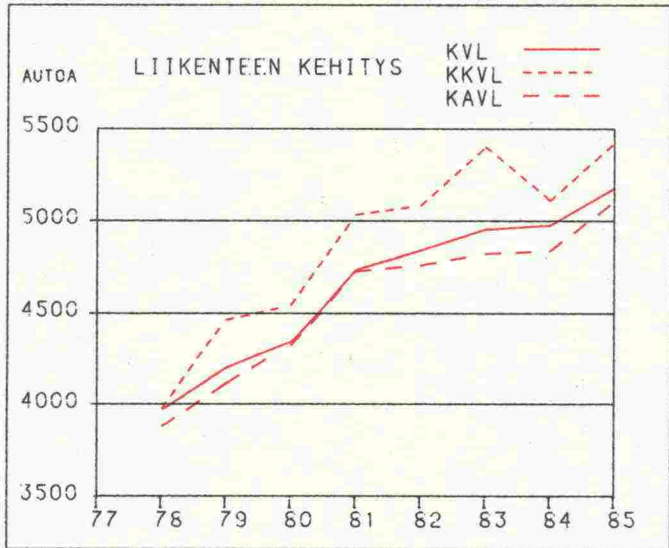
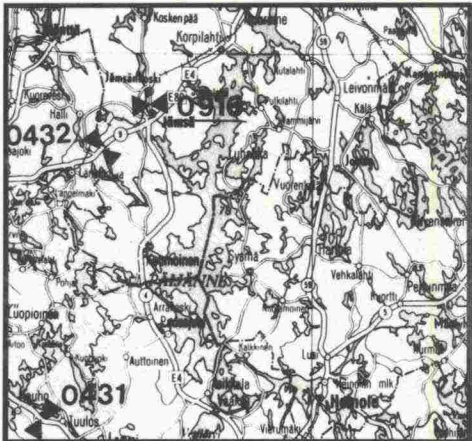
5 %

KAPP

+

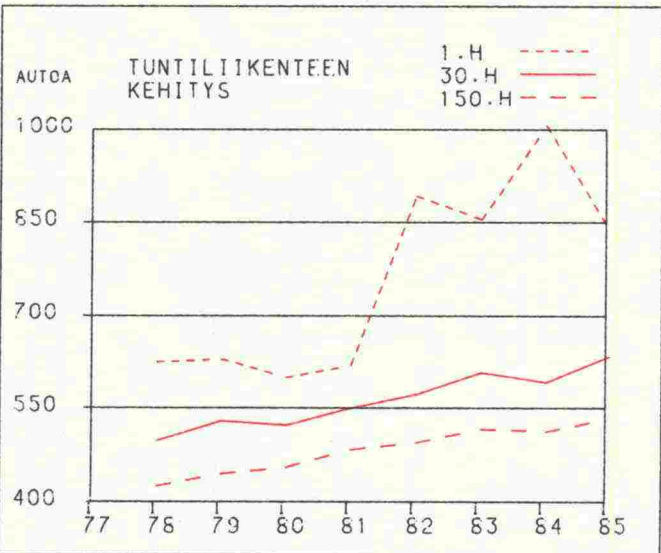
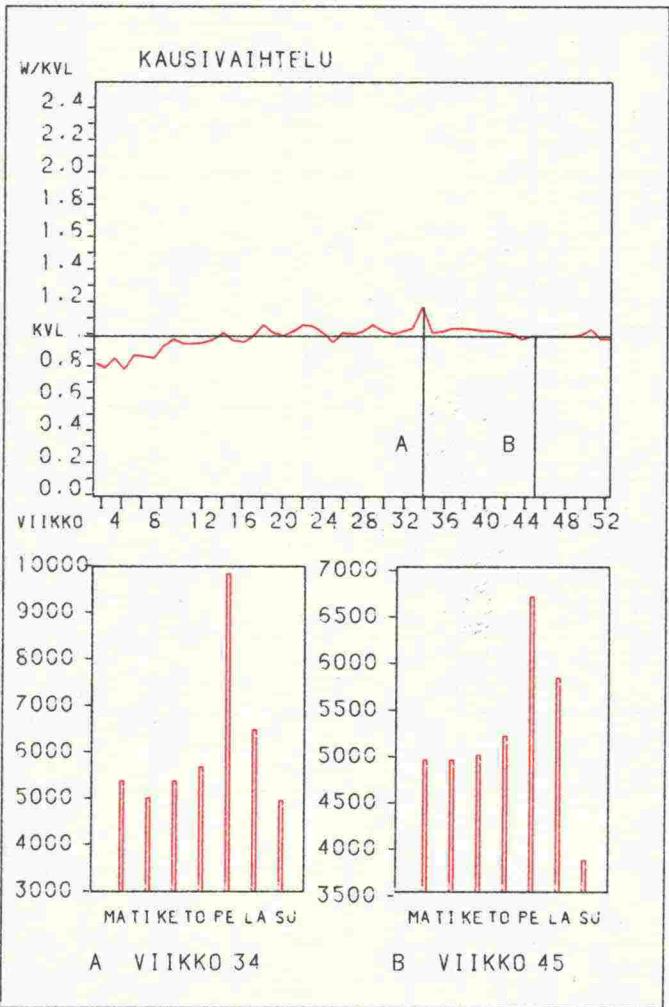
KATP

3 %



H	Q	PE-SU (*)	KERTYMA
1	832	100	0.0
50	609	76	1.7
100	553	70	3.3
150	531	63	4.7
300	488	54	8.7
1000	387	52	24.7
5000	195	41	85.7

(\*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUU PE-SU:ILLE

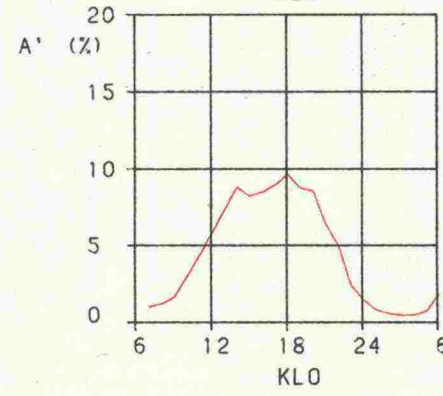
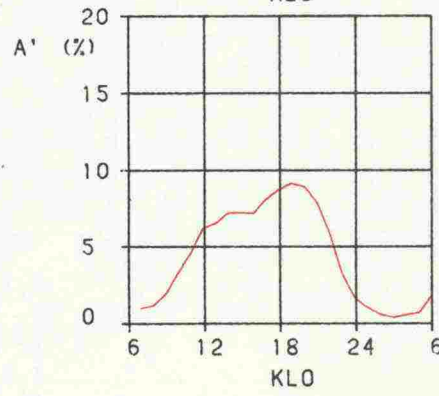
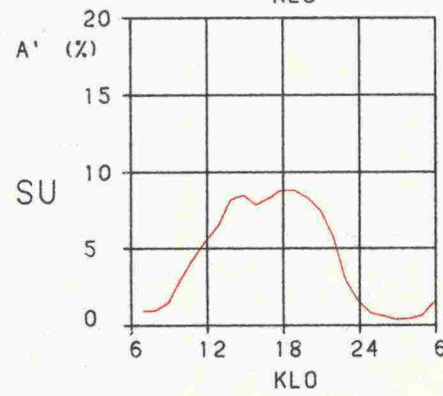
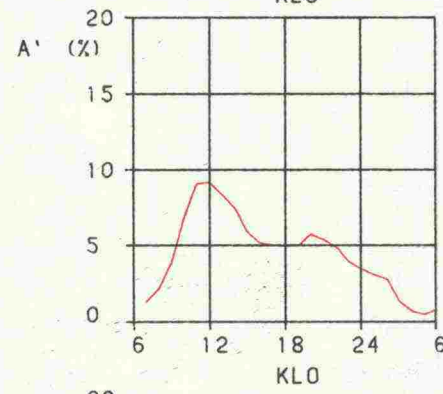
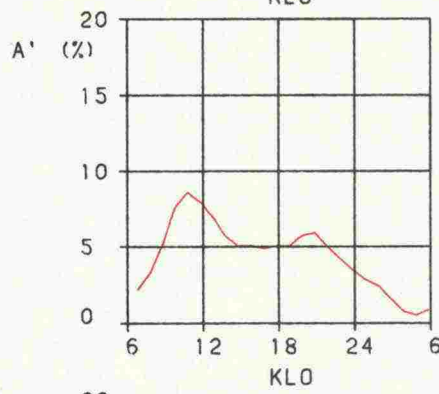
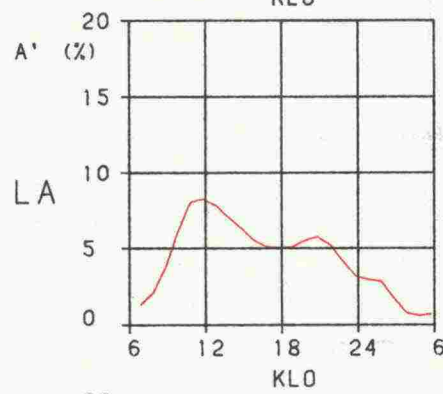
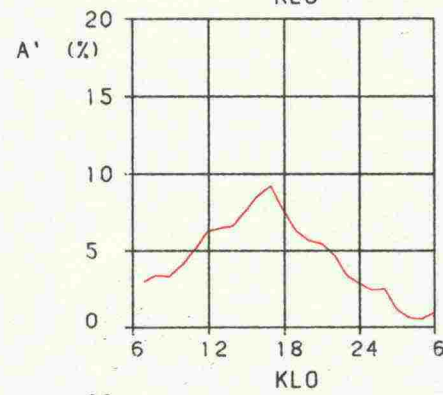
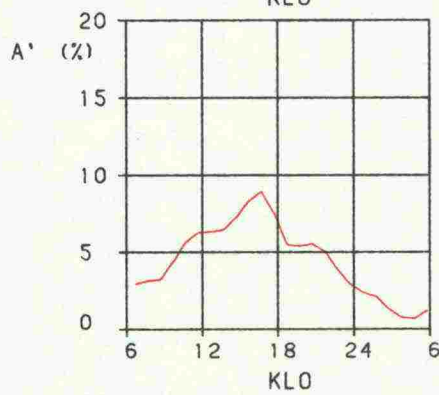
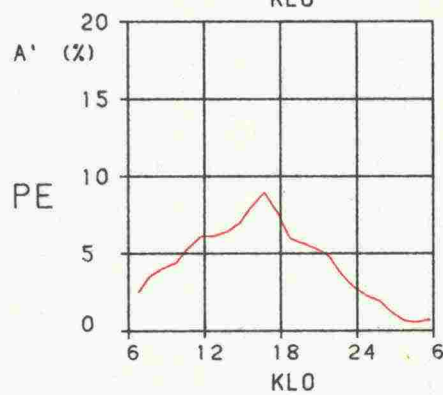
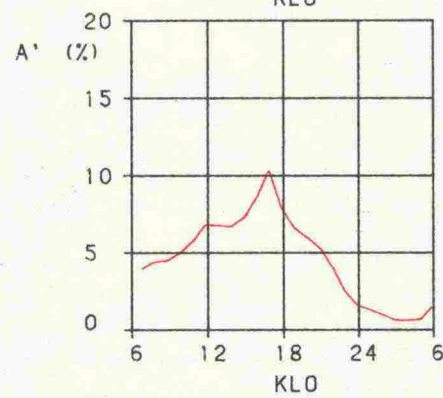
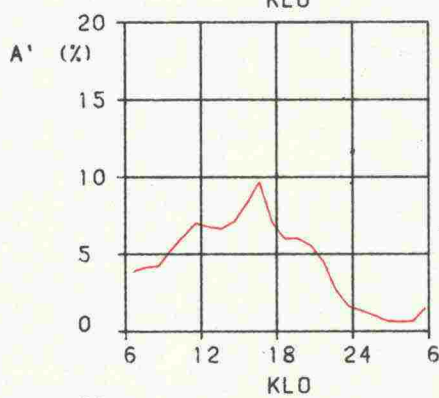
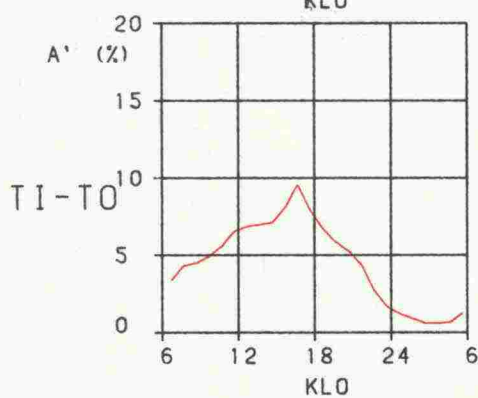
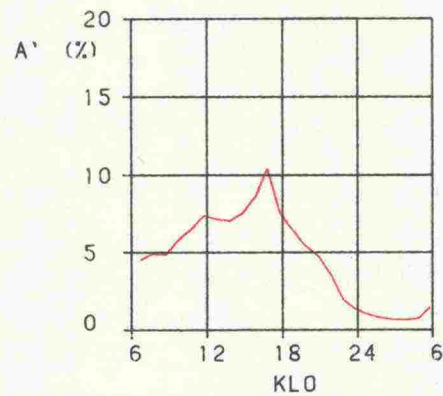
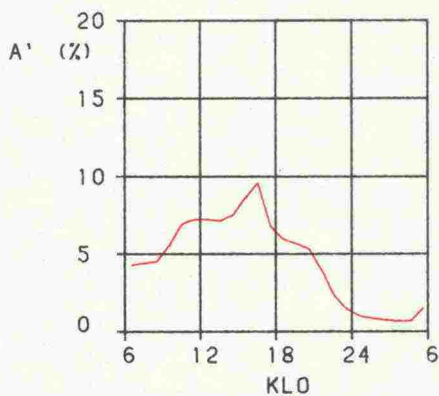
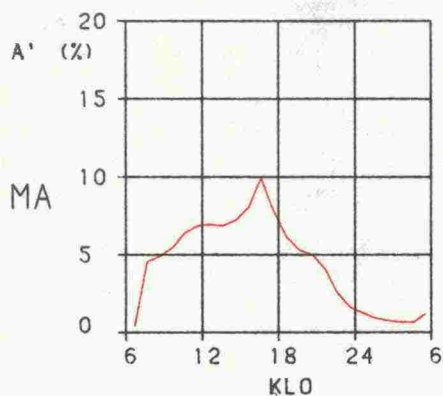


## TUNTI VAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU





KVL 2289

B' (SU/KESA) 1.09

KAVL 2197

D' 1.33

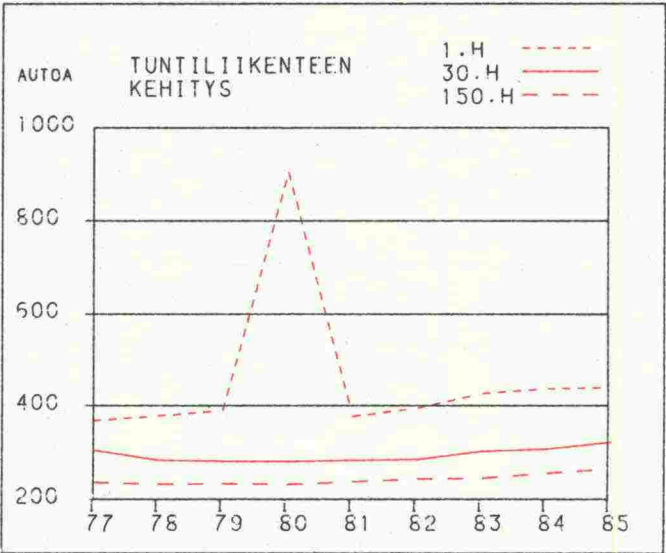
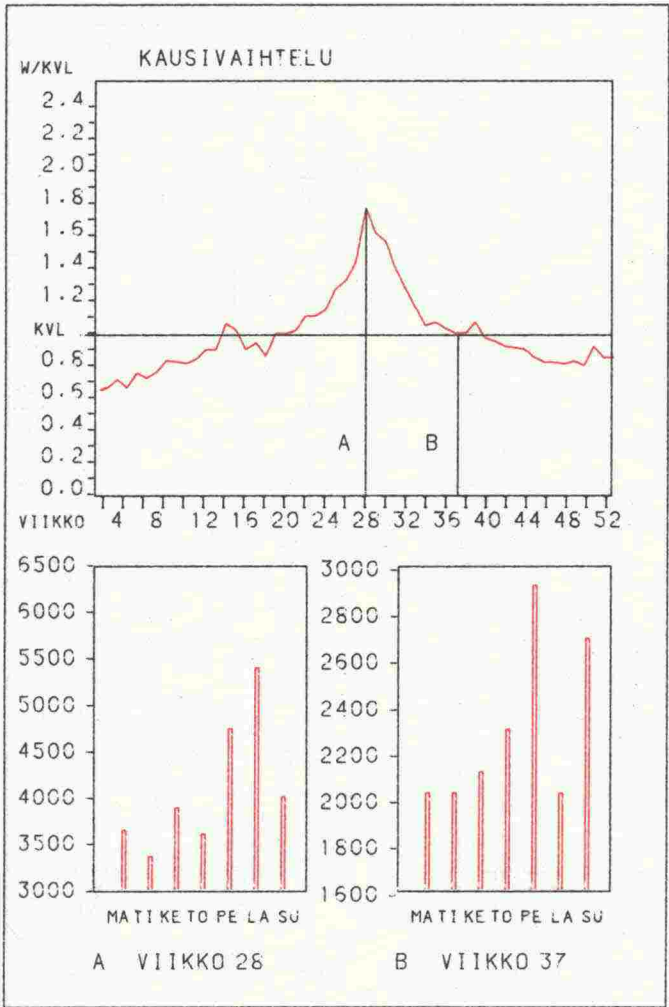
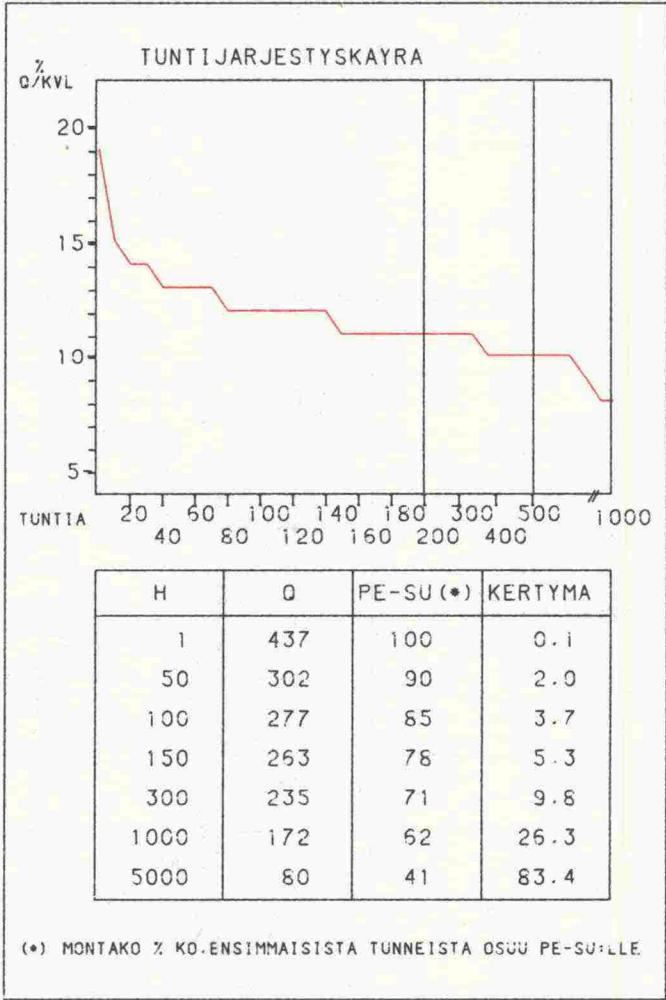
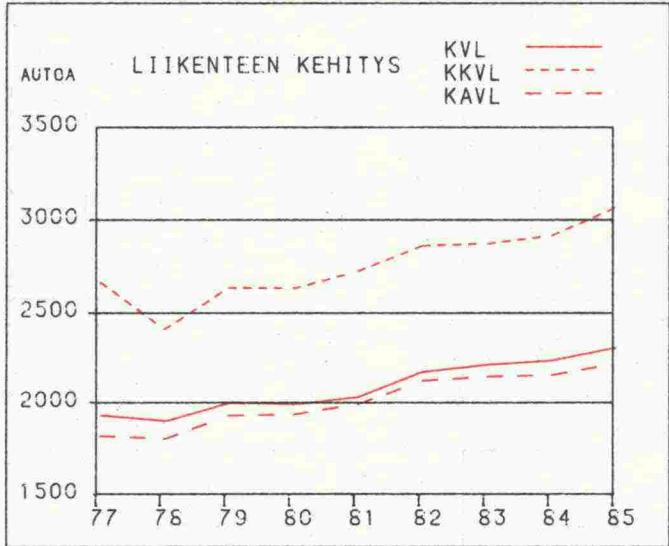
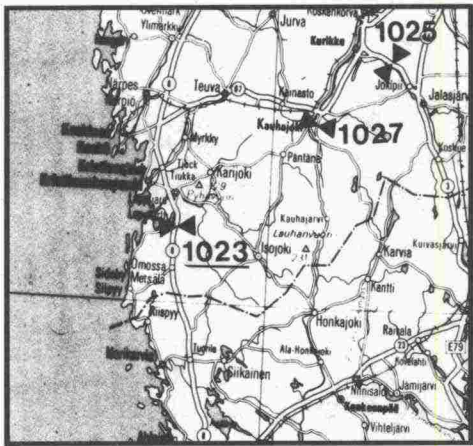
KKVL 3055

ARKILIIKENTEEEN KOOSTUMUS

HA + PA 75 %

LA + KAIP 7 %

KAPP + KATP 18 %

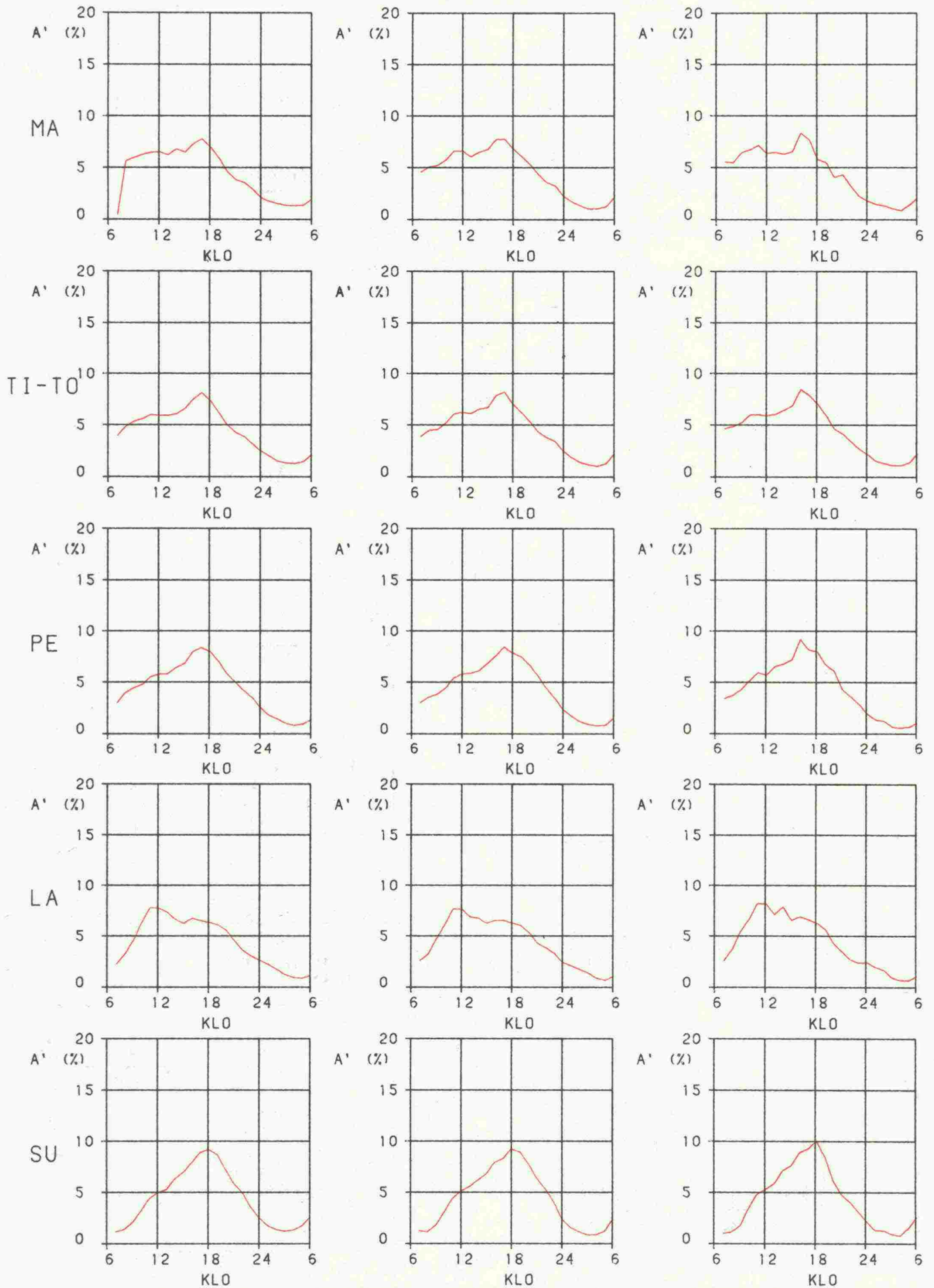


# TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU





KVL 2165

B' (SU/KESA) 1.12

KAVL 2048

KKVL 2634

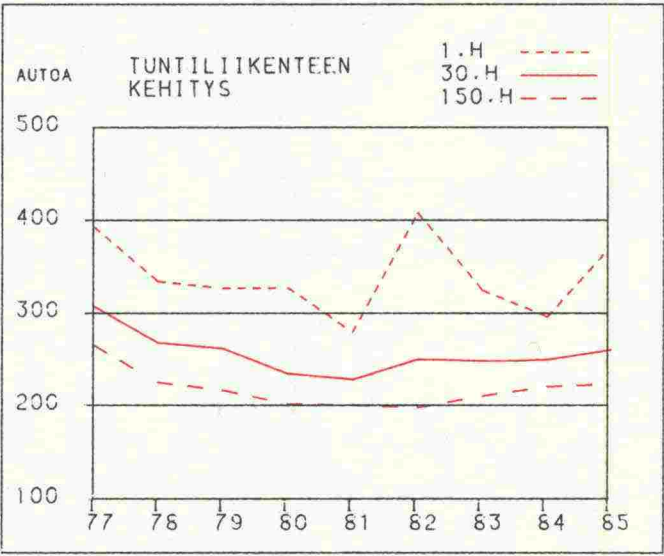
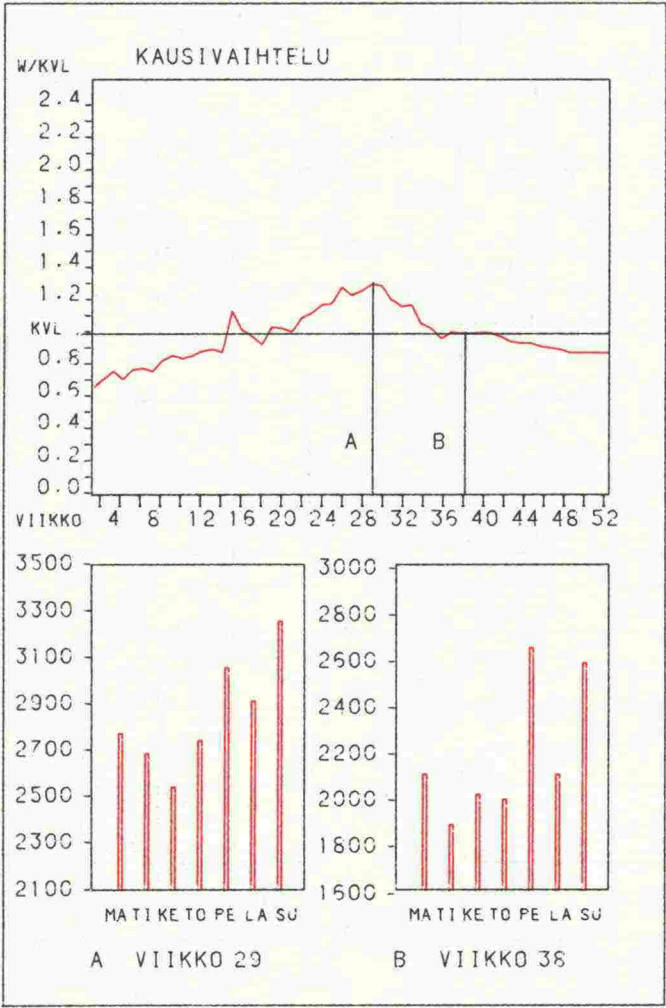
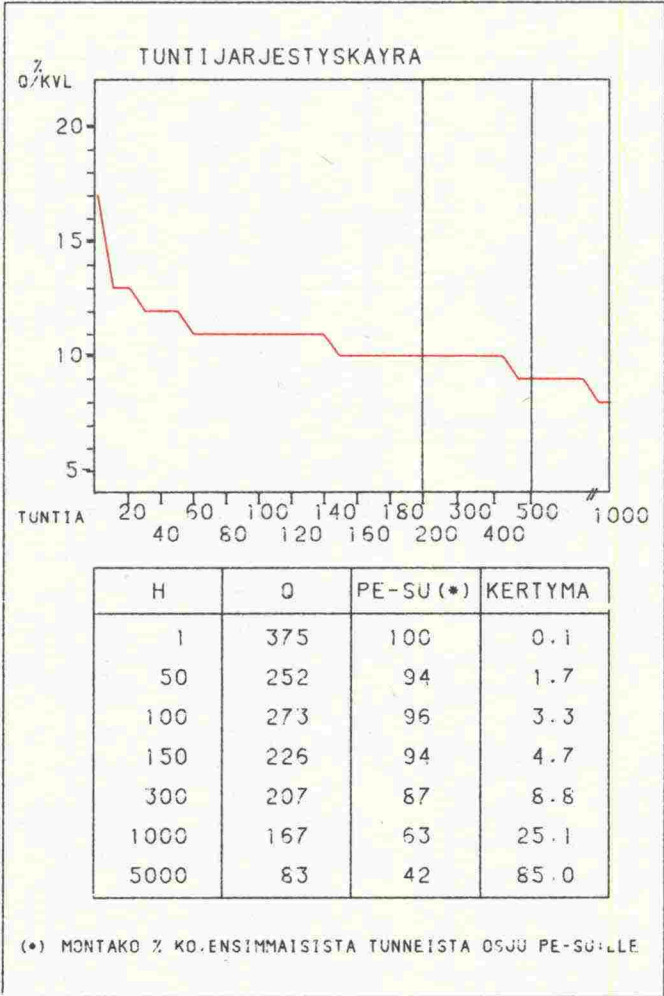
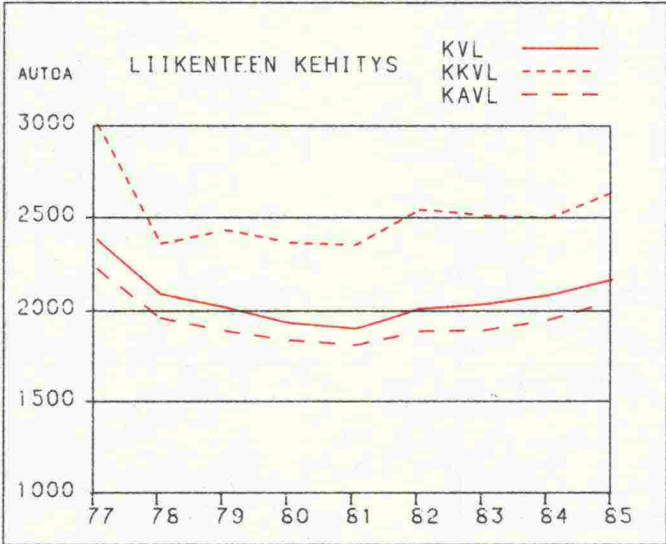
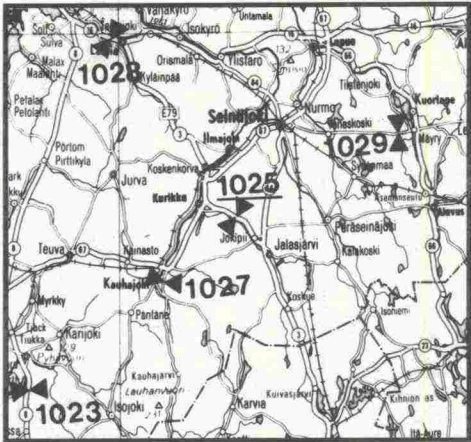
D' 1.21

ARKILIIKENTEEN KOOSTUMUS

HA + PA 85 %

LA + KAIP 8 %

KAPP + KATP 7 %

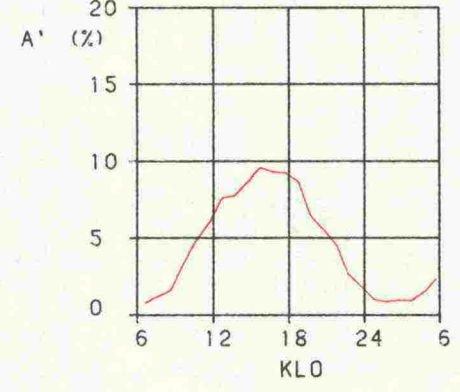
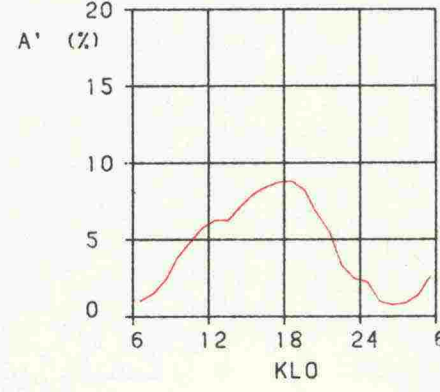
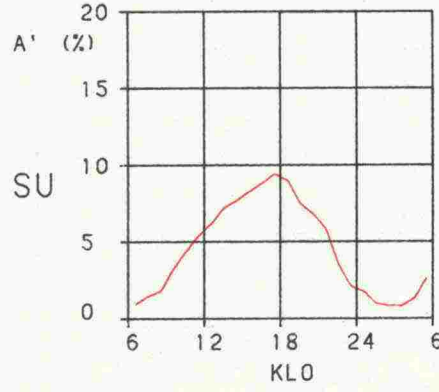
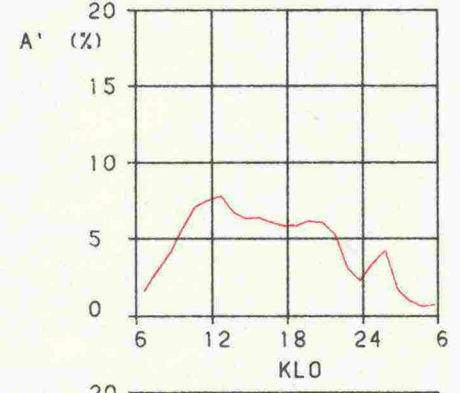
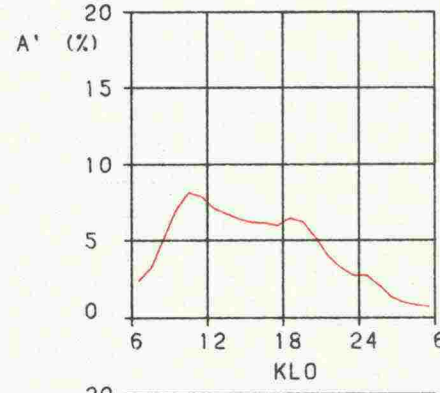
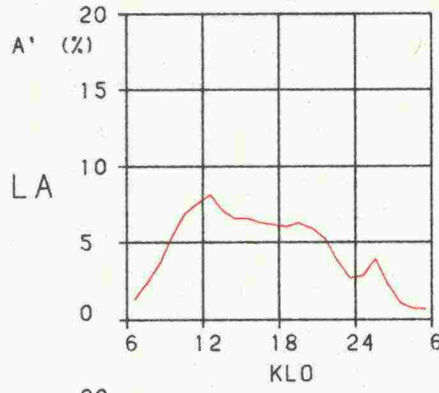
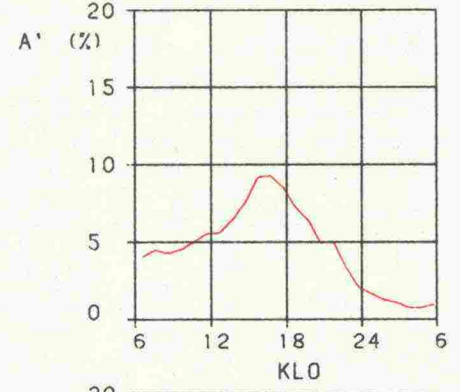
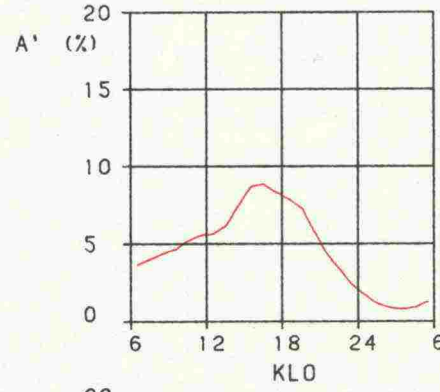
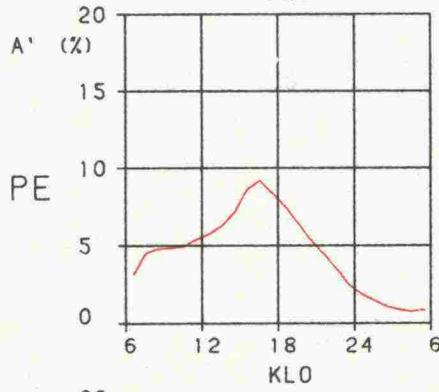
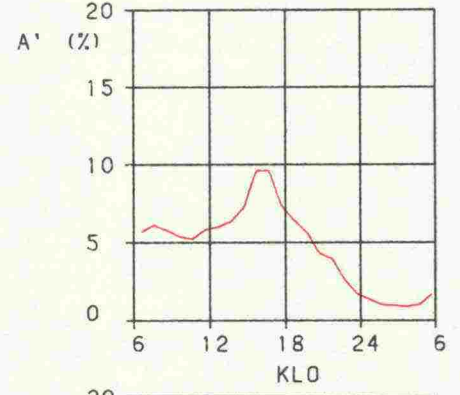
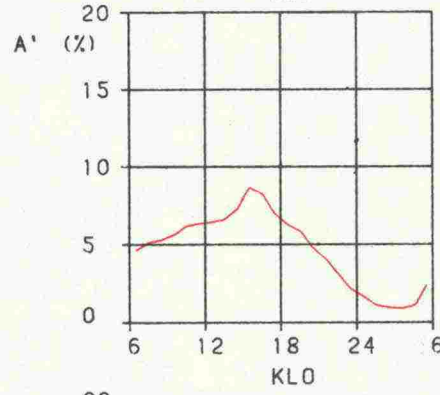
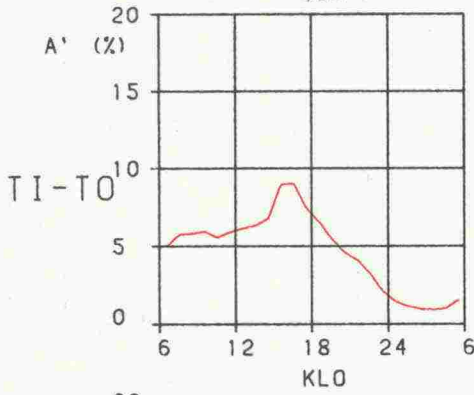
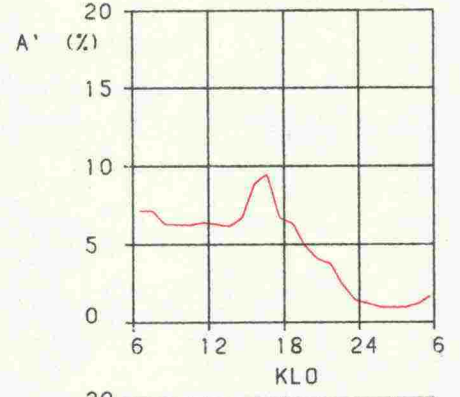
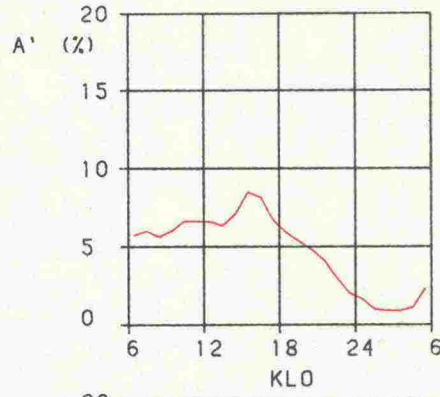
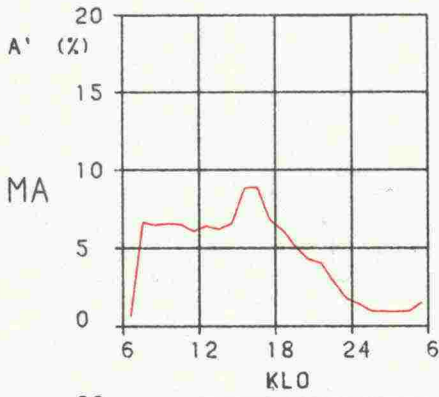


# TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU





1027KAUHAJOKI

1985

MT663 TIEOSA 12 ETAISYYS 0.7 KM

KVL 9011

B' (SU/KESA) 0.73

KAVL 8810

D' 1.09

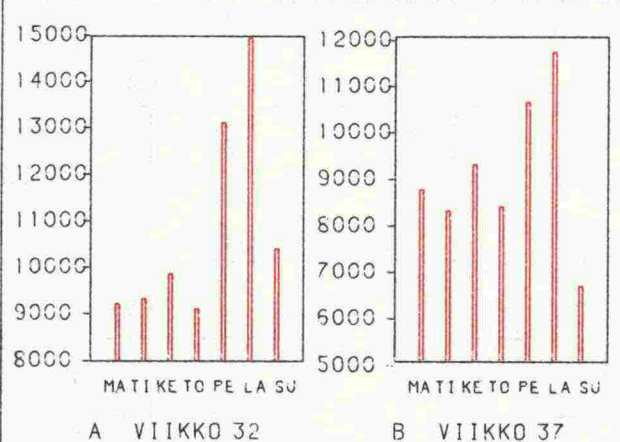
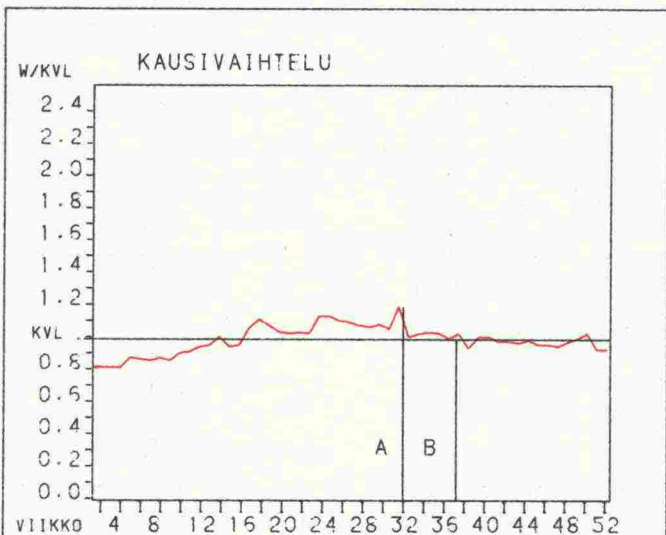
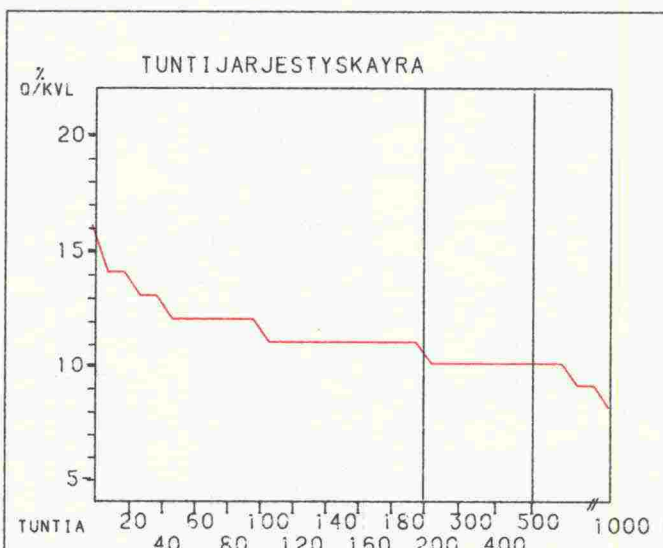
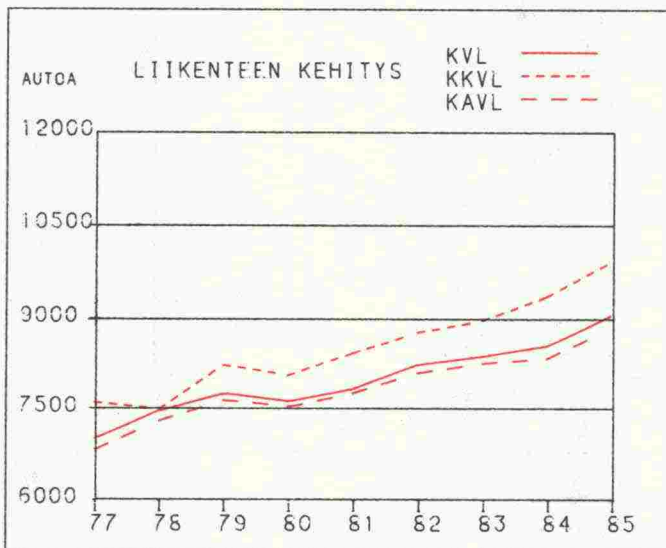
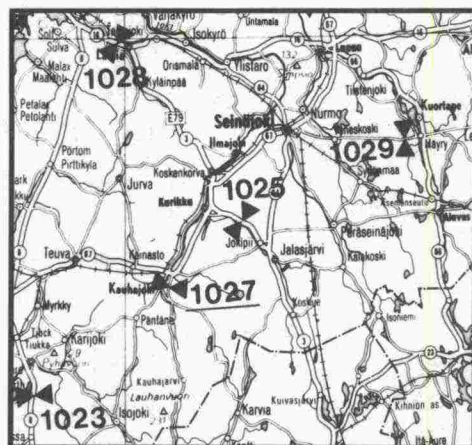
KKVL 9867

## ARKILIIKENTEEN KOOSTUMUS

HA + PA 94 %

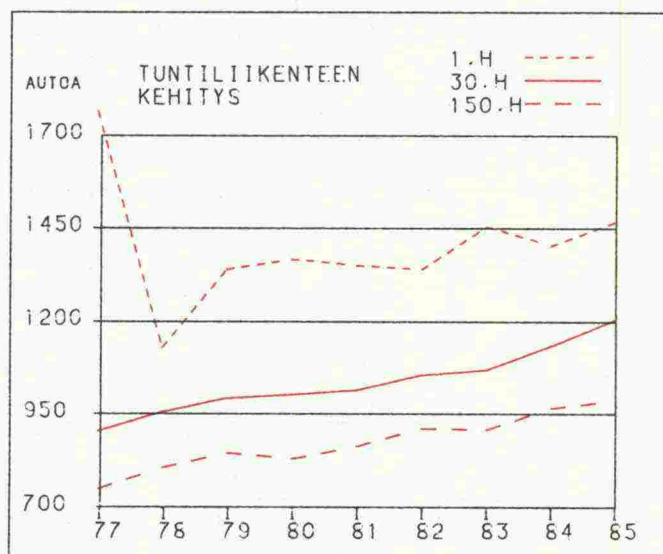
LA + KAIP 4 %

KAPP + KATP 2 %



H	Q	PE-SU (*)	KERTYMA
1	1463	100	0.0
50	1107	82	1.9
100	1037	83	3.5
150	983	84	5.0
300	893	73	9.3
1000	723	55	26.4
5000	329	42	88.2

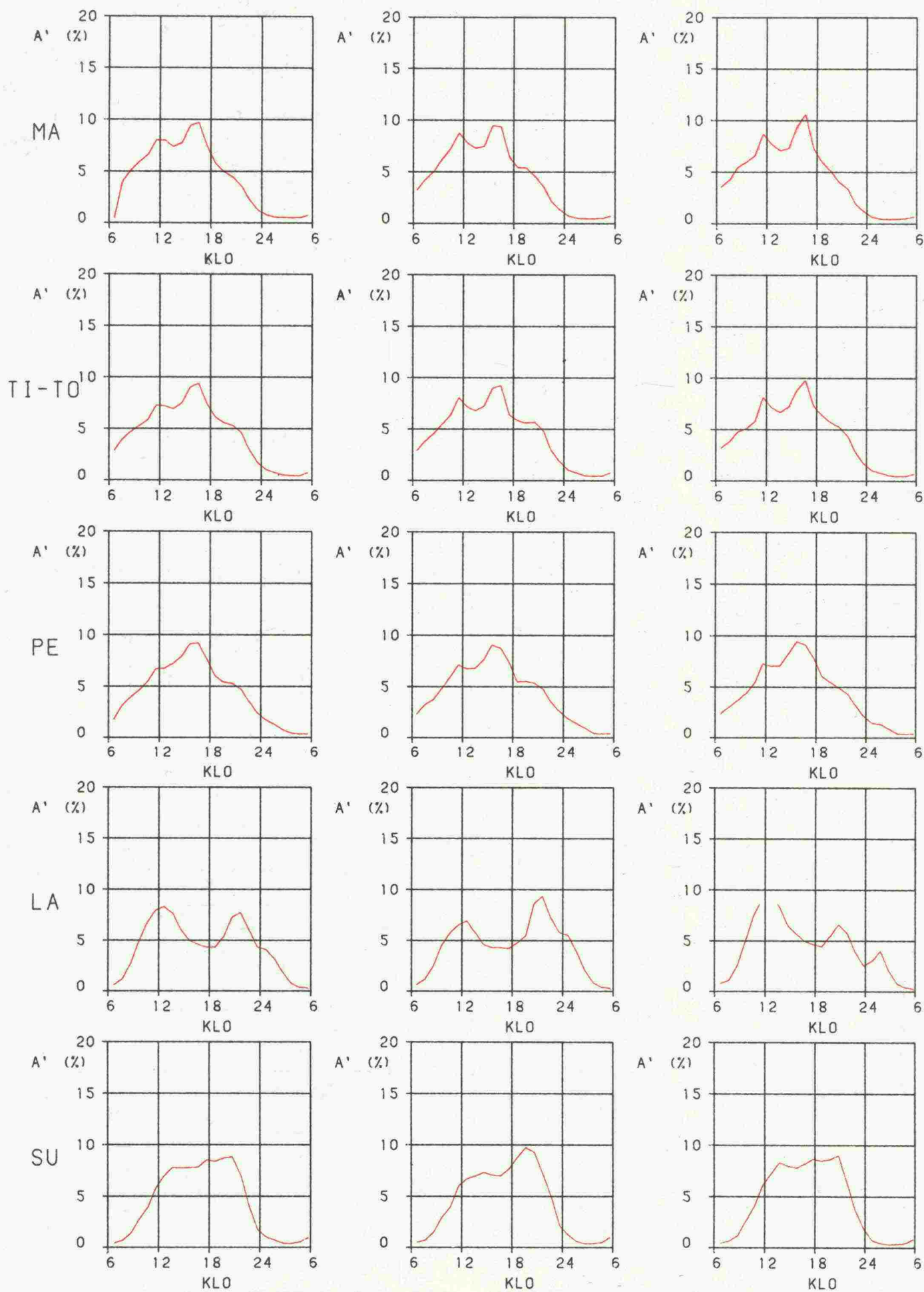
(\*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUU PE-SU:LE



HELMIKUU

HEINAKUU

LOKAKUU





KVL 5090

KAVL 5206

KKVL 5961

B' (SU/KESA) 0.90

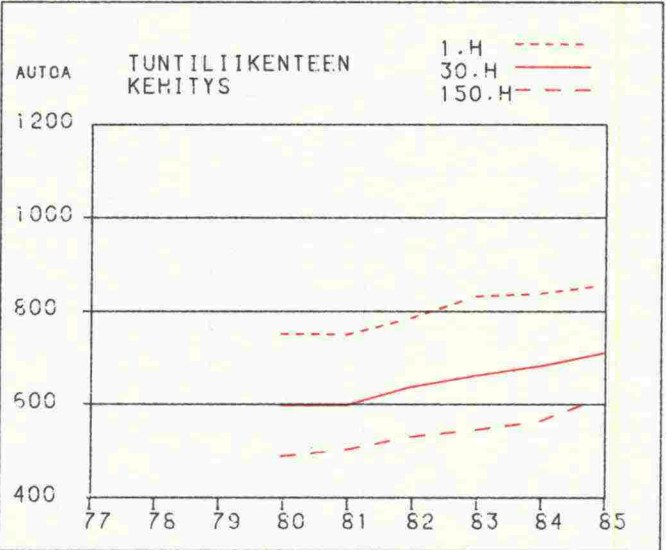
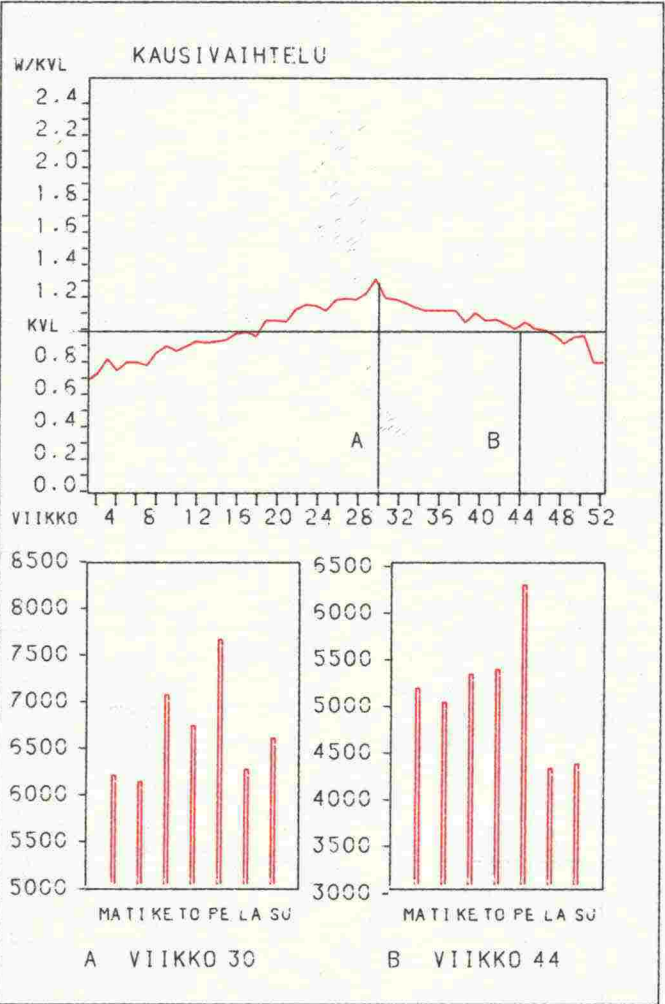
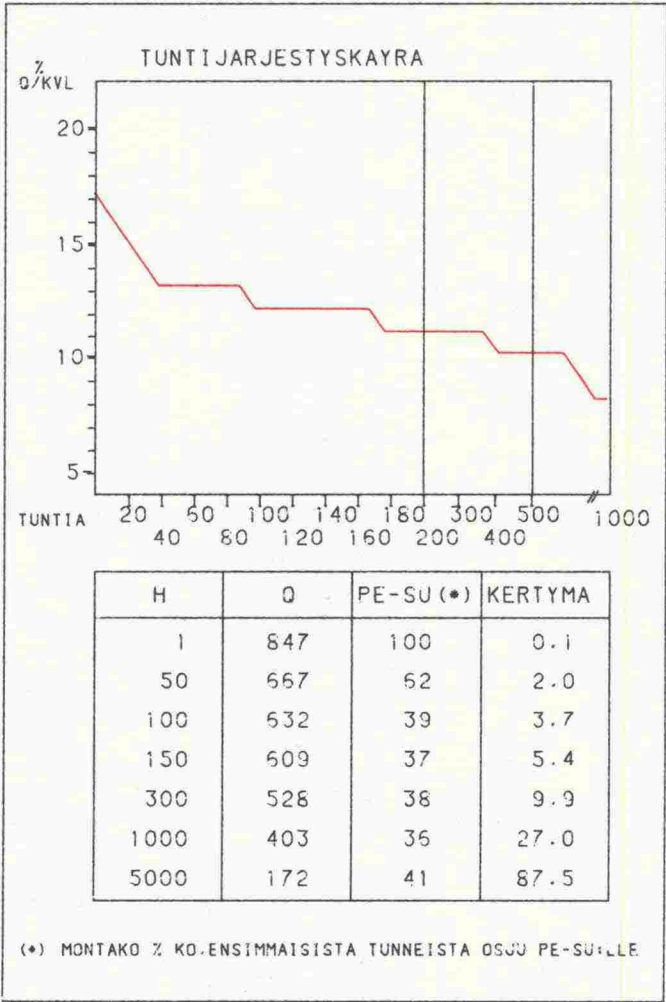
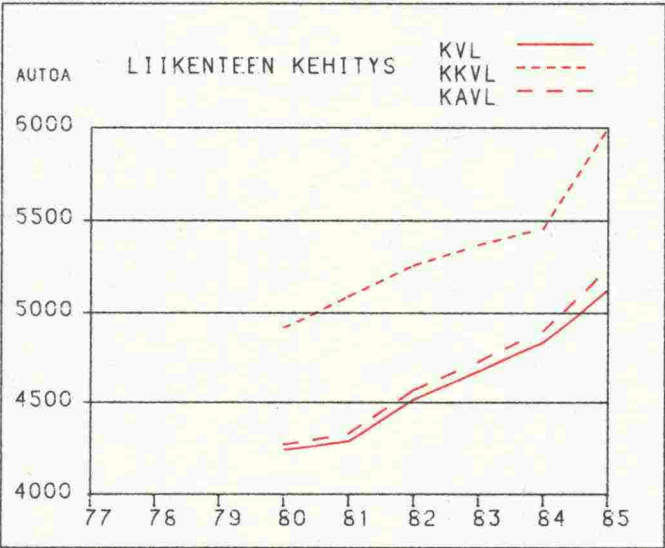
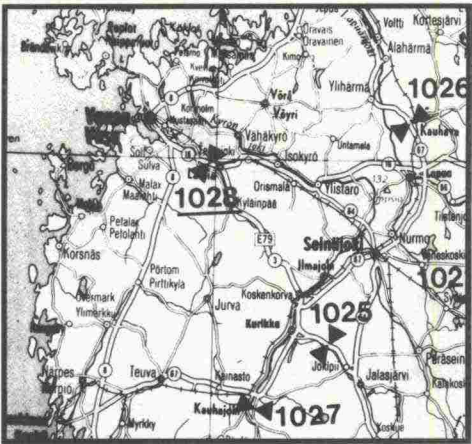
D' 1.17

ARKILIIKENTEEN KOOSTUMUS

HA + PA 86 %

LA + KAIP 6 %

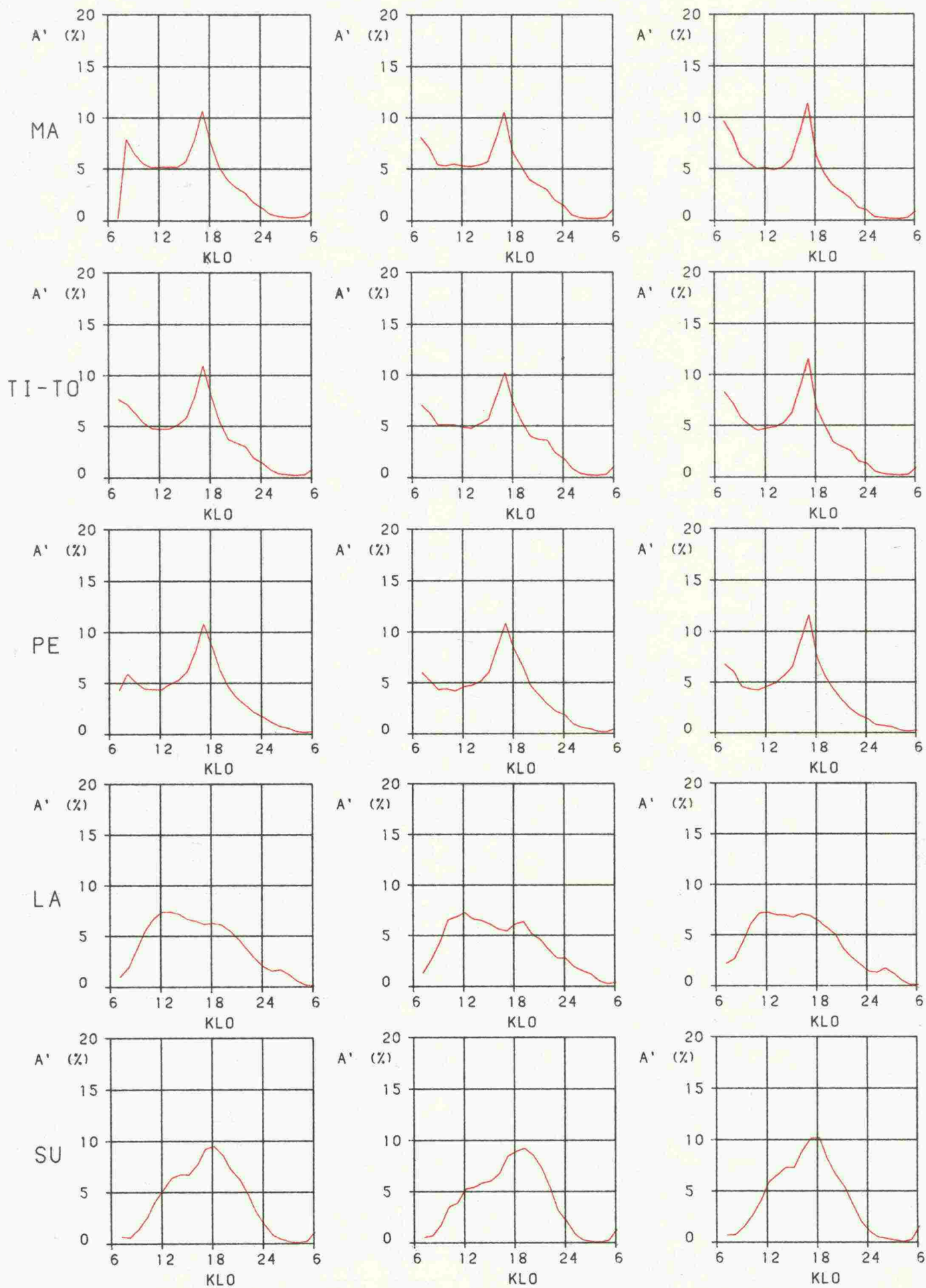
KAPP + KATP 8 %



HELMIKUU

HEINAKUU

LOKAKUU





KVL 1678

B' (SU/KESA) 1.09

KAVL 1603

KKVL 2086

D' 1.24

ARKILIIKENTEN KOOSTUMUS

HA + PA

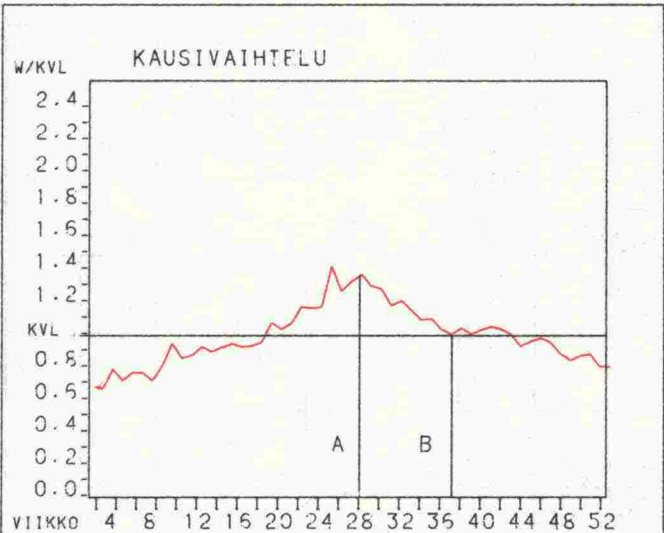
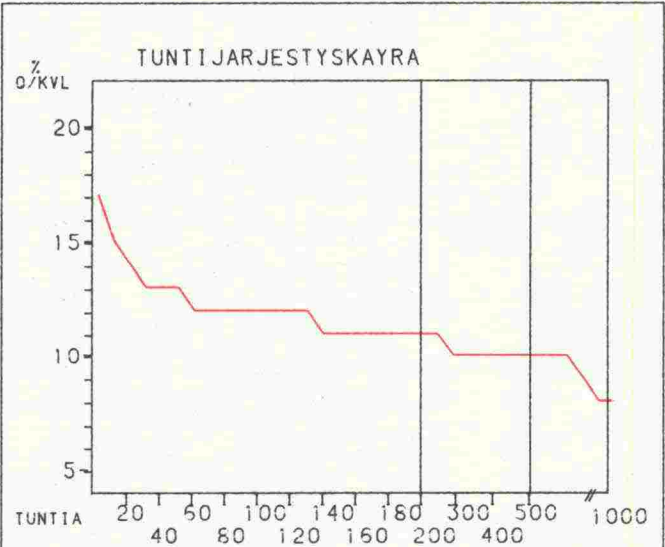
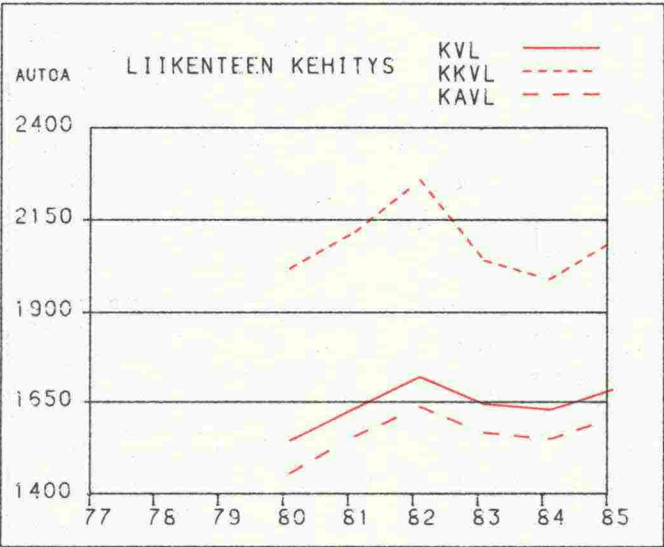
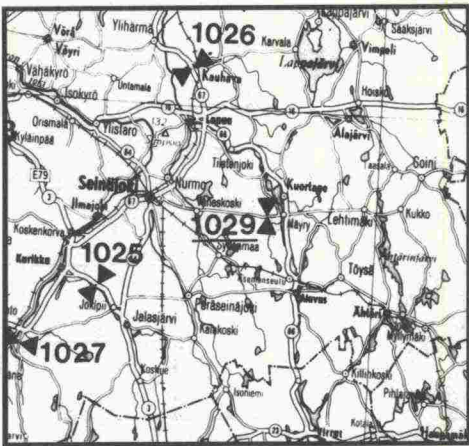
81 %

LA + KAIP

9 %

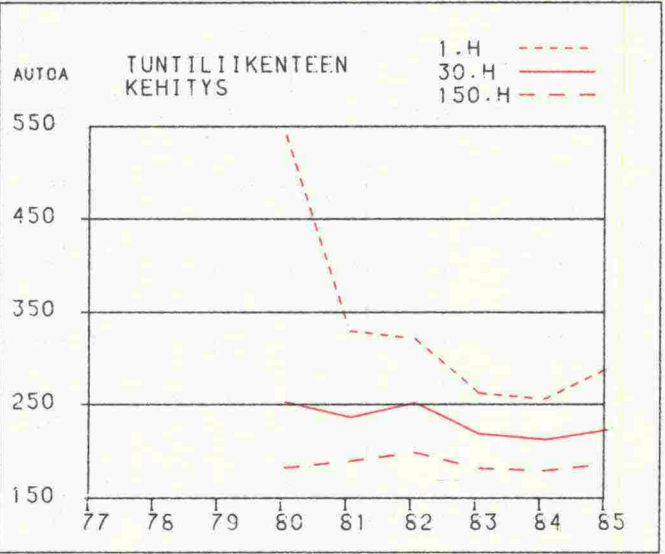
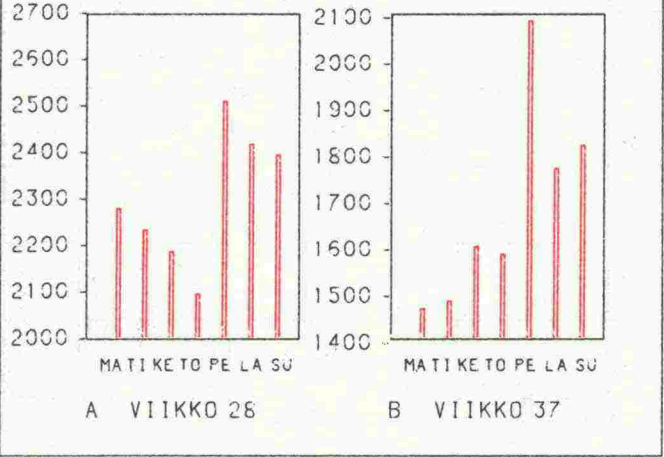
KAPP + KATP

10 %



H	O	PE-SU (*)	KERTYMA
1	289	100	0.1
50	213	100	0.1
100	199	99	3.6
150	187	96	5.2
300	168	85	9.5
1000	134	62	26.5
5000	55	42	88.6

(\*) MONTAKO % KD.ENSIMMAISISTA TUNNEISTA OSUUS PE-SU:ILLE

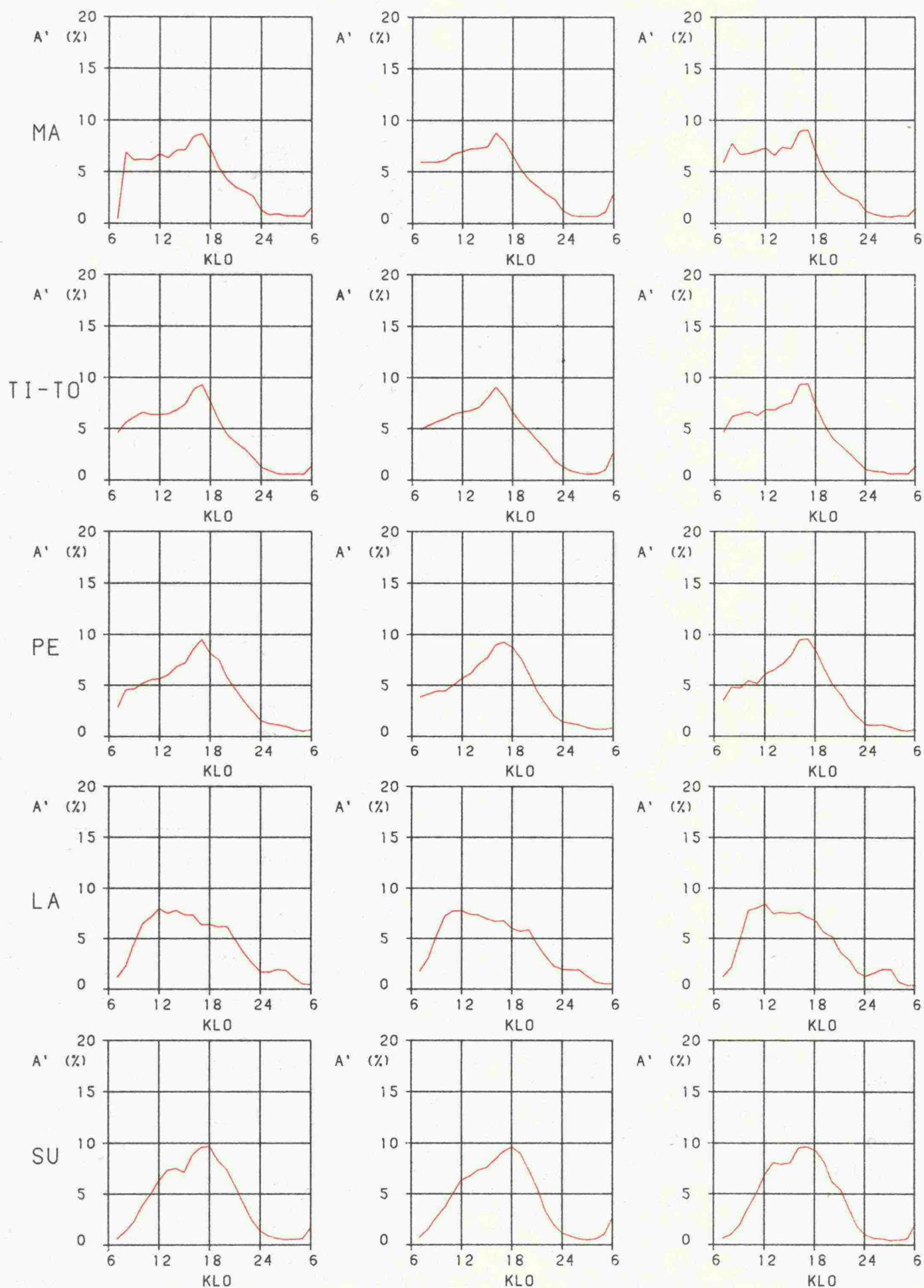


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU



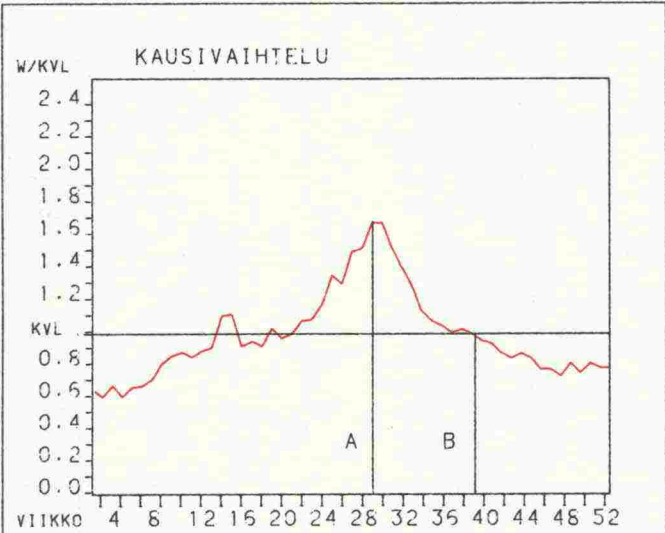
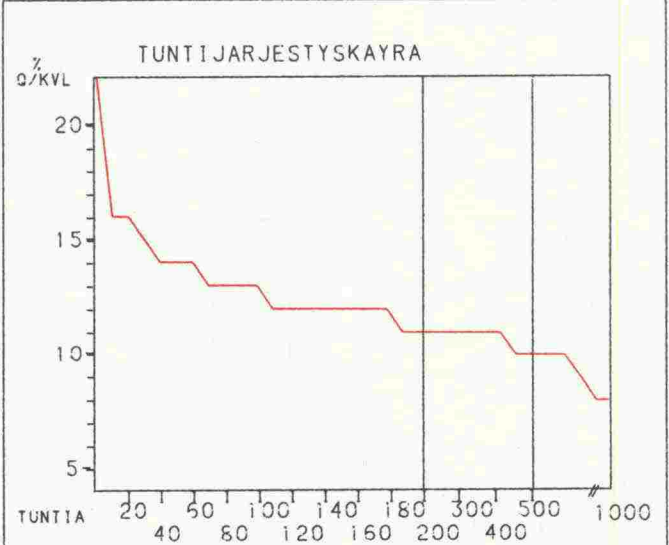
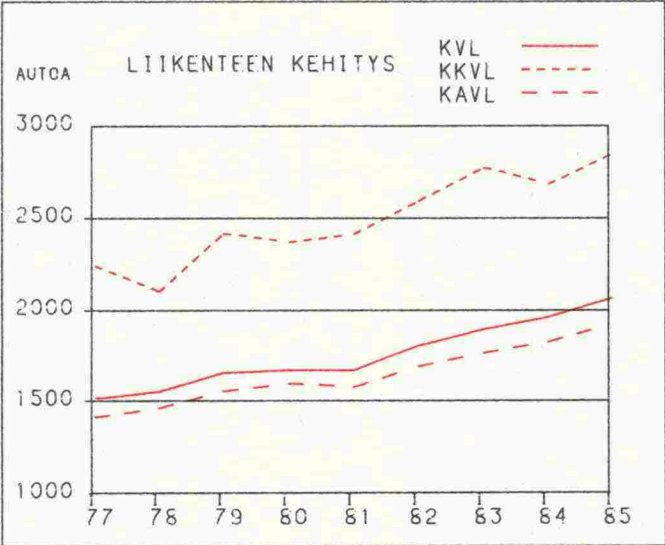
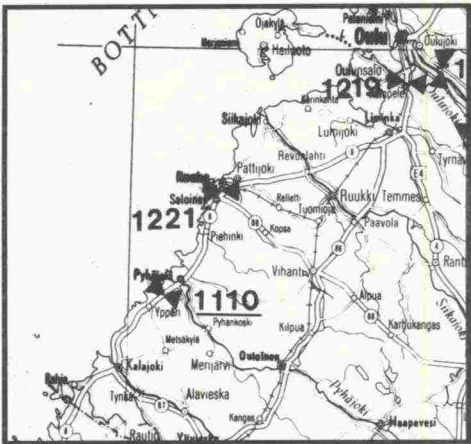


111OPYHÄJOKI 1985  
VT8 TIEOSA 422 ETAISYYS 1.2KM

KVL 2059 B' (SU/KESA) 1.15  
KAVL 1920  
KKVL 2842 D' 1.38

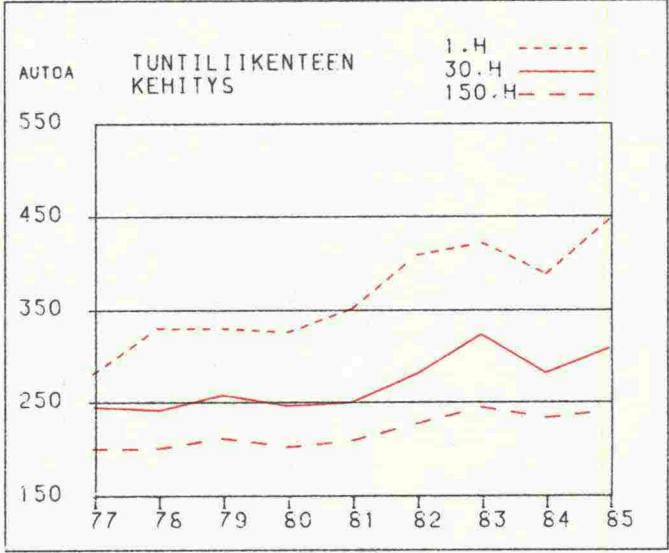
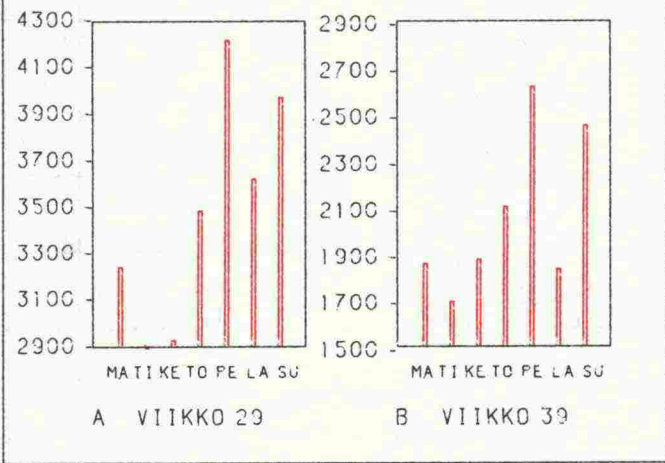
ARKILIIKENTEN KOOSTUMUS

HA + PA 81%  
LA + KAIP 6%  
KAPP + KATP 13%



H	Q	PE-SU(*)	KERTYMA
1	450	100	0.1
50	288	76	2.1
100	259	79	3.9
150	244	75	5.6
300	217	73	10.2
1000	160	66	27.3
5000	70	42	84.3

(\*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUU PE-SU:LE

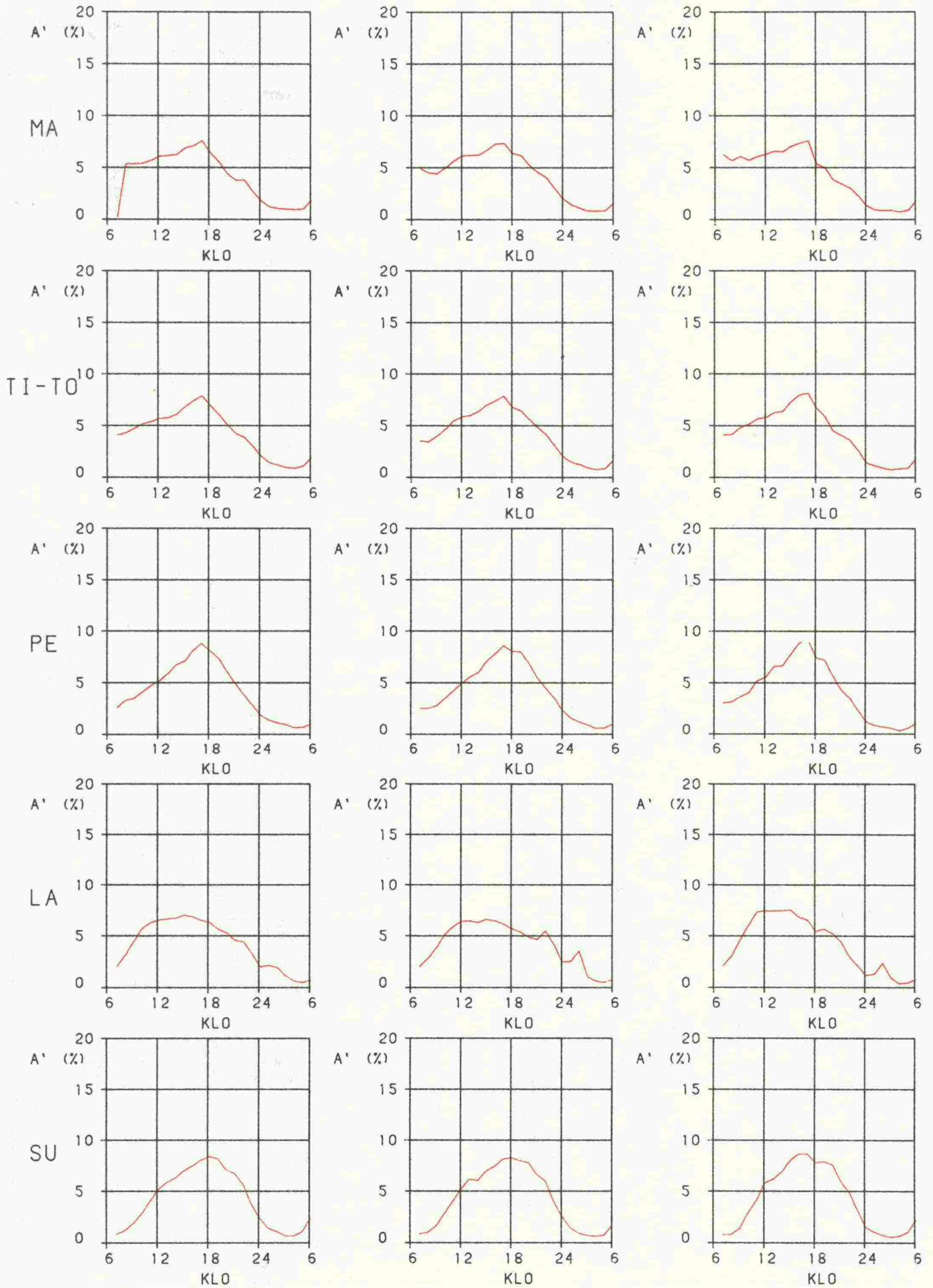


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU



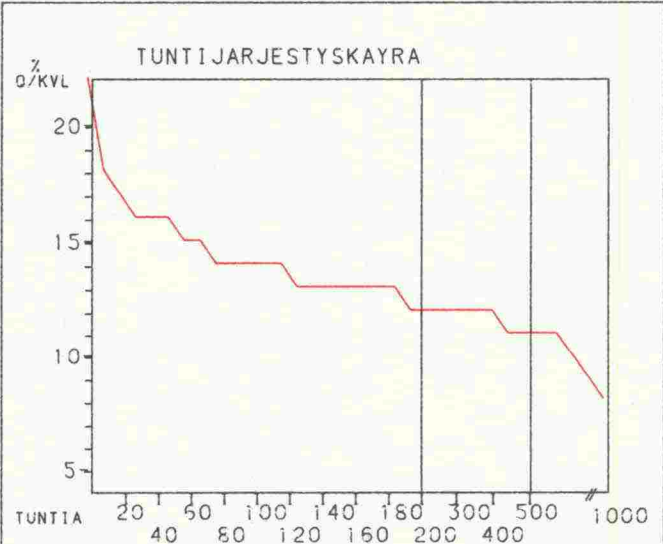
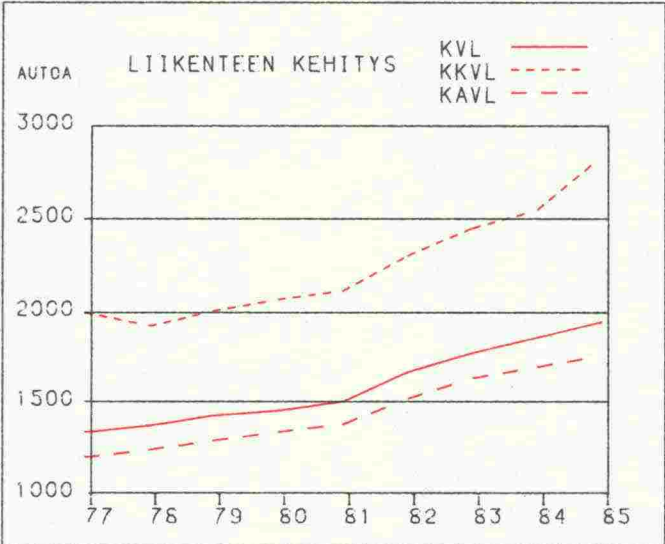
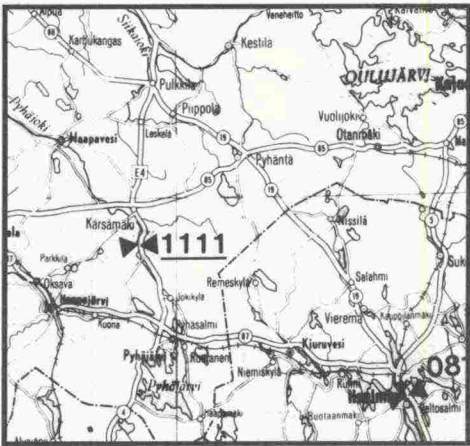


1111 KÄRSÄMÄKI 1985  
VT4 TIEOSA 341 ETAISYYS 3.4 KM

KVL 1938 B' (SU/KESA) 1.17  
KAVL 1742  
KKVL 2824 D' 1.45

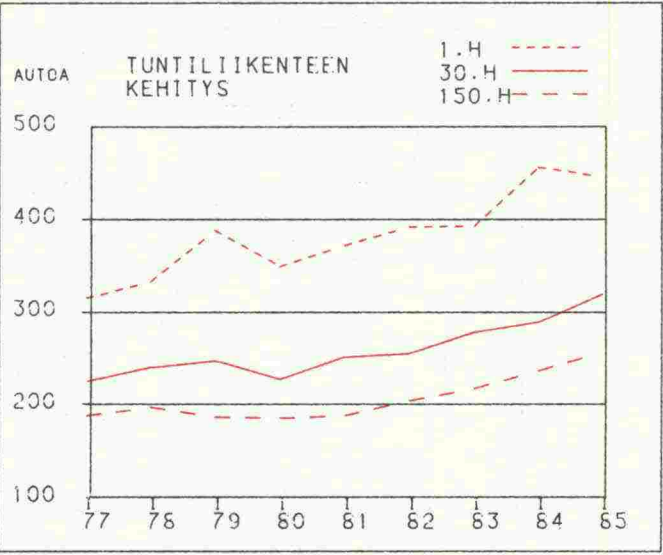
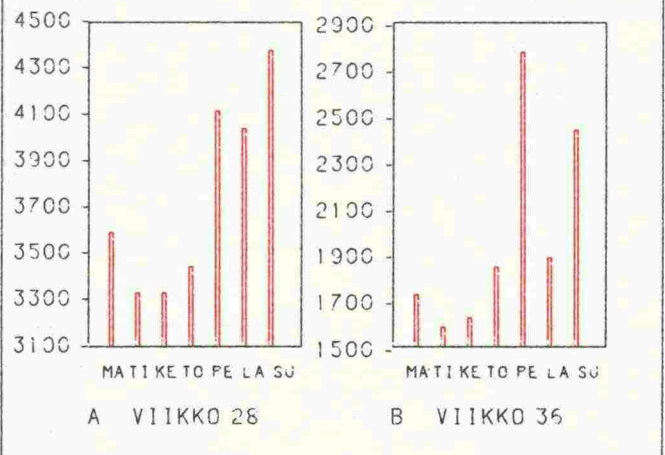
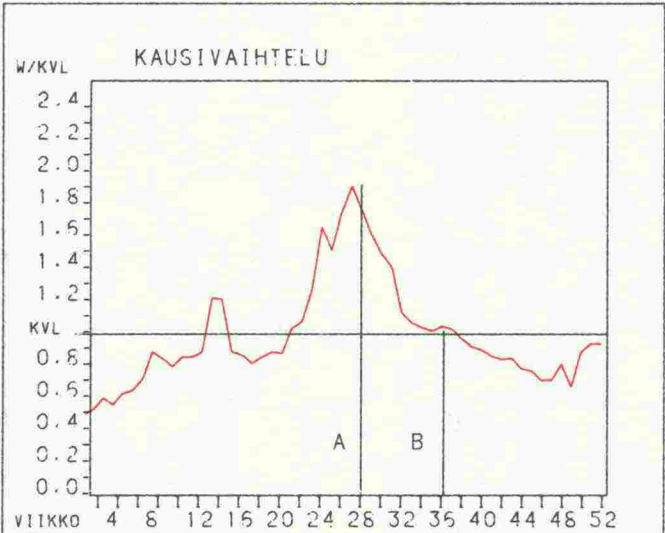
ARKILIIKENTEEN KOOSTUMUS

HA + PA 82 %  
LA + KAIP 6 %  
KAPP + KATP 12 %



H	Q	PE-SU (*)	KERTYMA
1	443	100	0.1
50	301	74	2.3
100	273	74	4.4
150	254	74	6.2
300	224	72	11.2
1000	157	67	29.6
5000	61	44	83.4

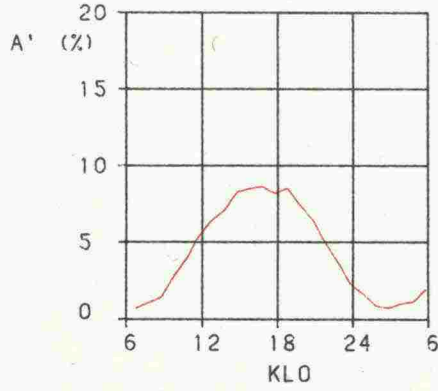
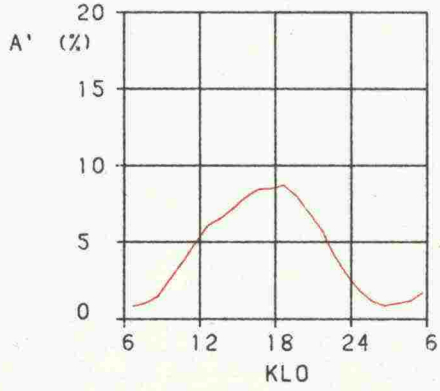
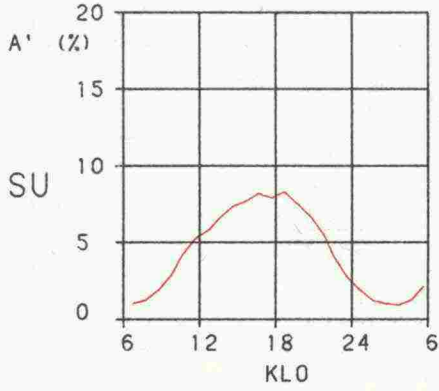
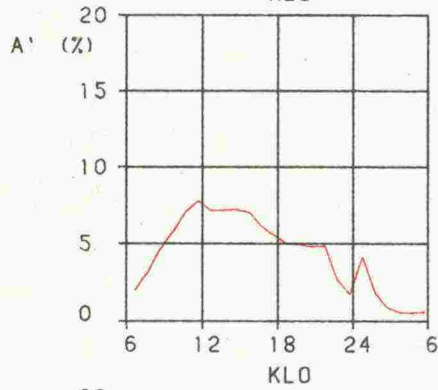
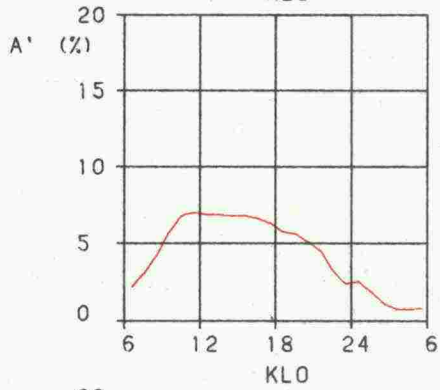
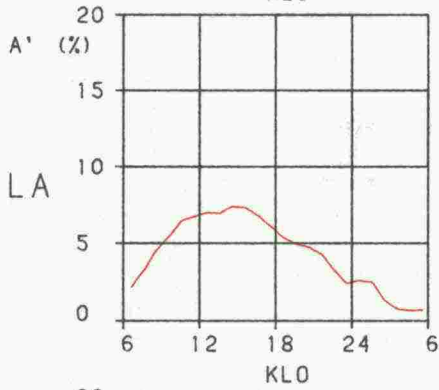
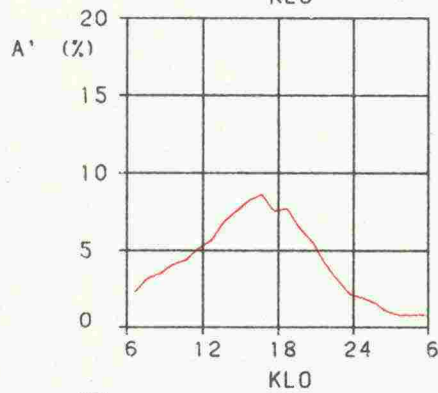
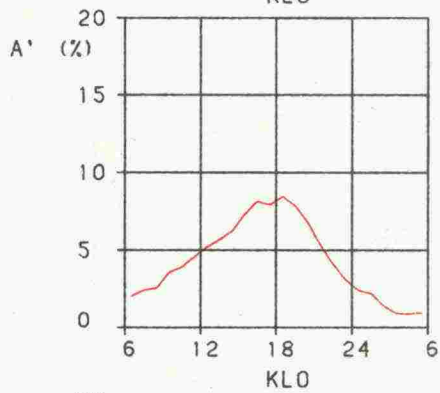
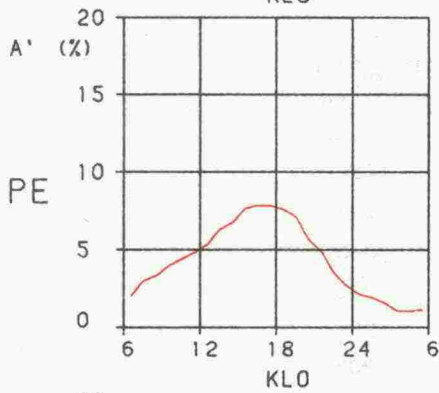
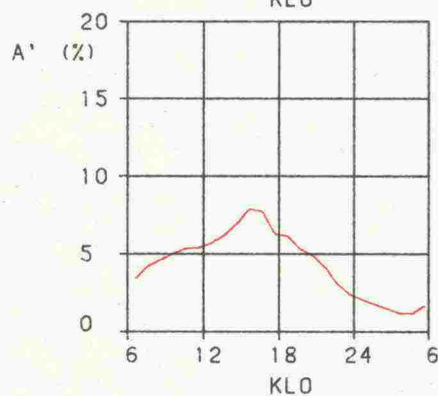
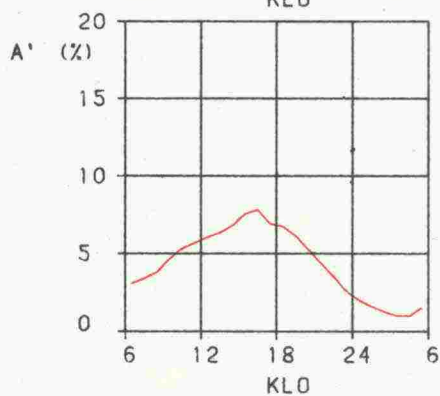
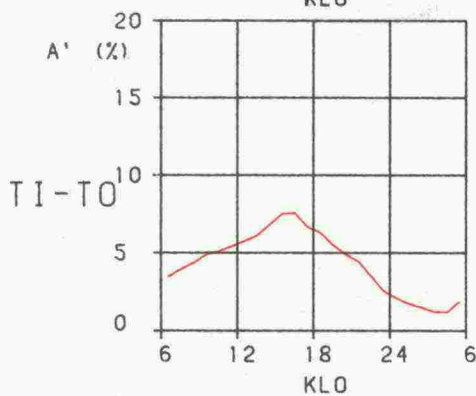
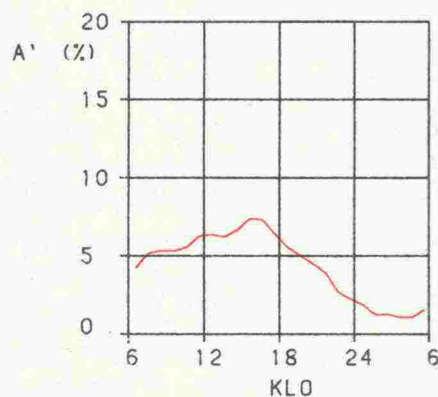
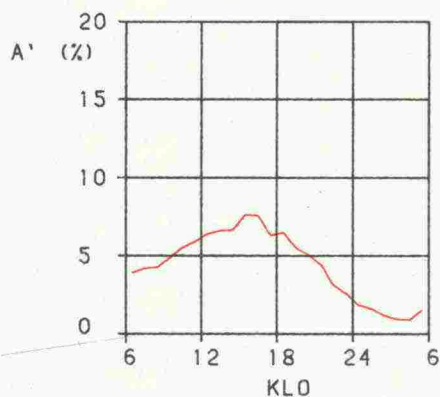
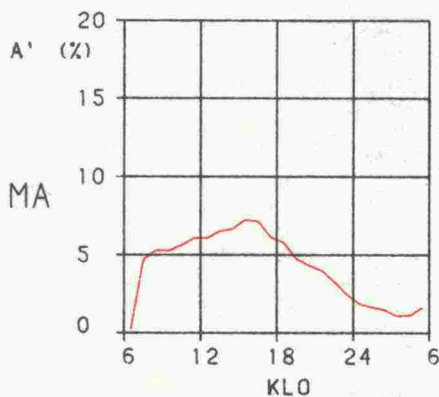
(\*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSJON PE-SU:ILLE



HELMIKUU

HEINAKUU

LOKAKUU





1112KÄLVIA
1985

KT85
TIEOSA 4
ETAISYYS 2.6 KM

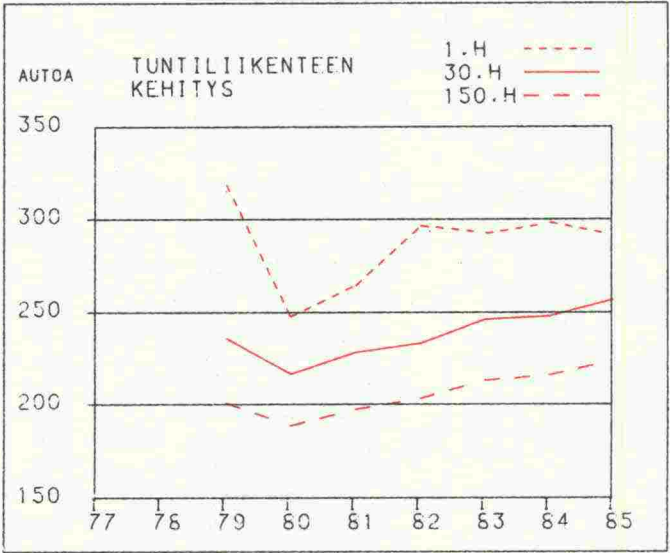
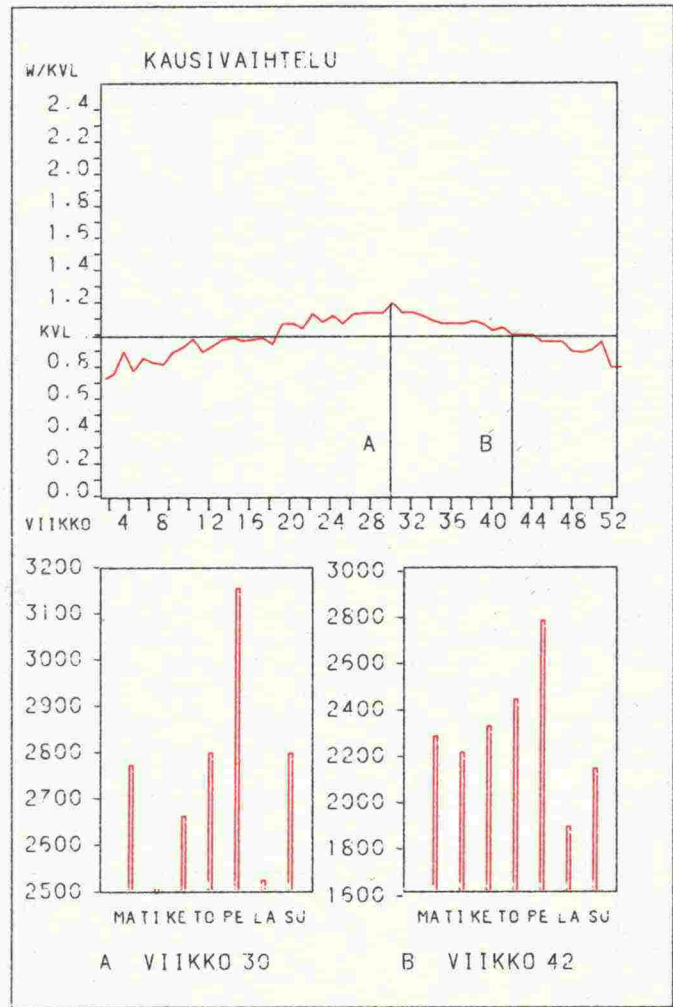
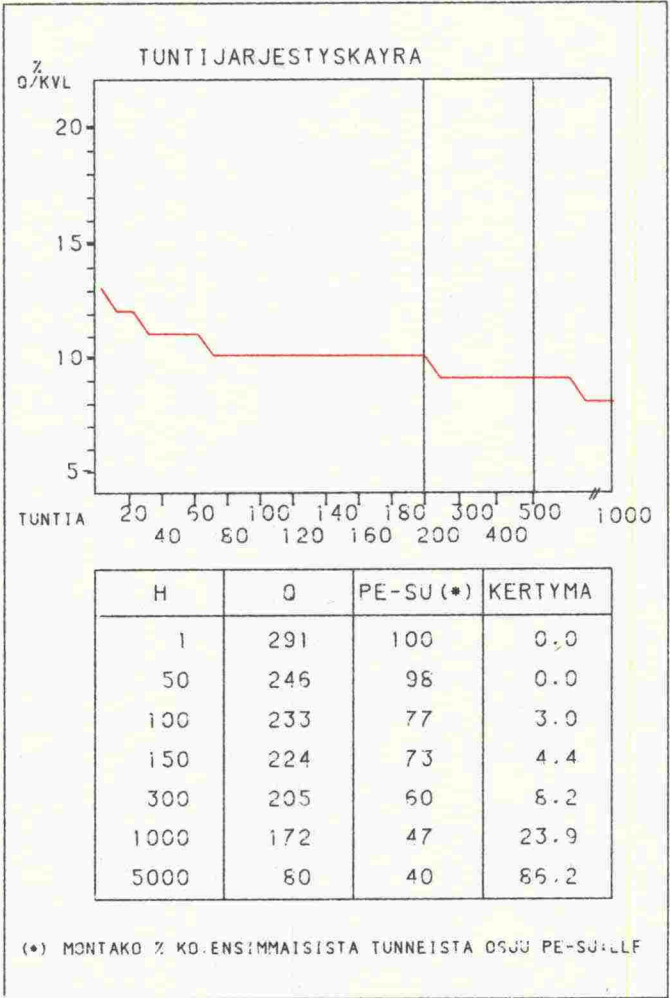
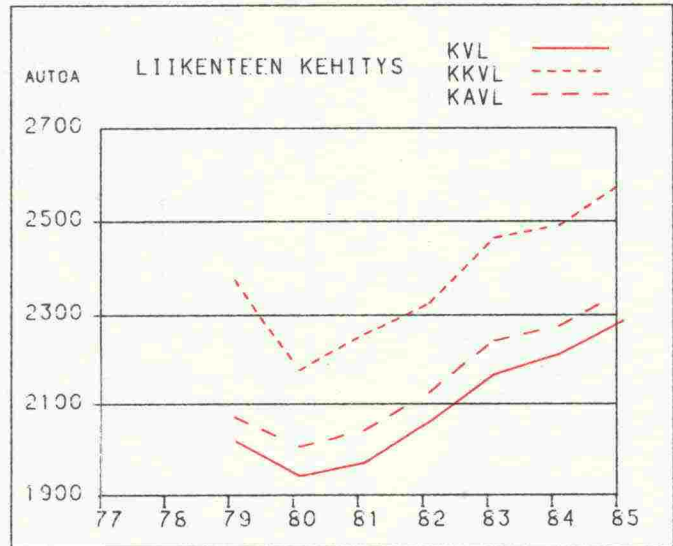
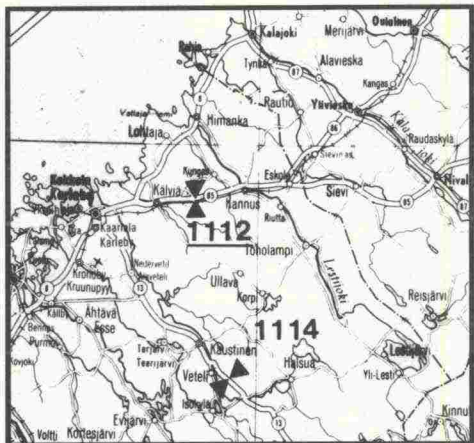
KVL 2282
KAVL 2346
KKVL 2578

B' (SU/KESA) 0.95
D' 1.12

ARKILIIKENTEEN KOOSTUMUS

HA + PA
LA + KAIP
KAPP + KATP

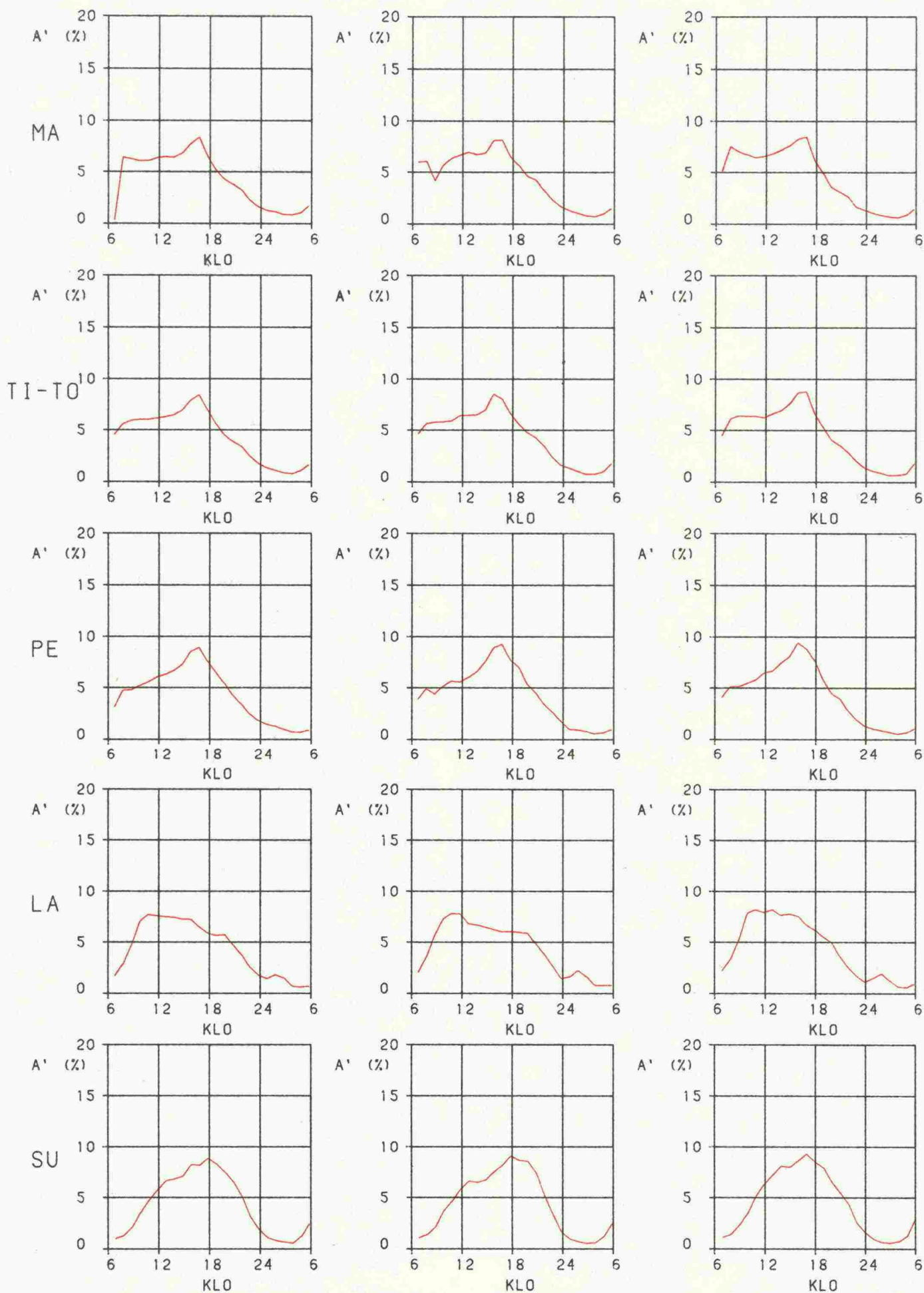
81 %
7 %
12 %



HELMIKUU

HEINAKUU

LOKAKUU





KVL 875

B' (SU/KESA) 1.15

KAVL 818

KKVL 1155

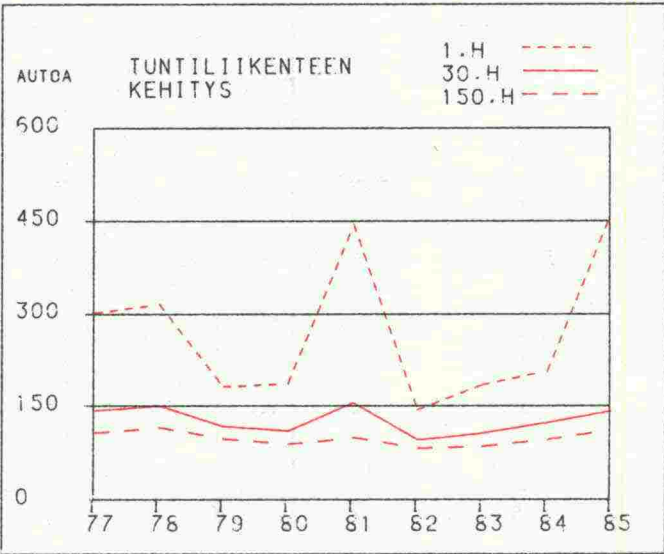
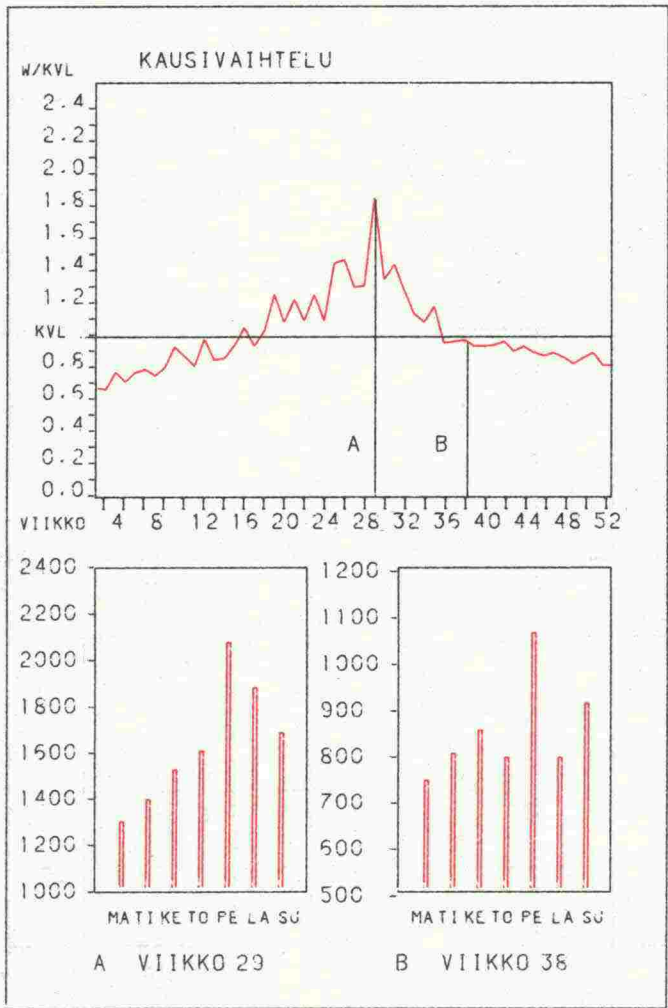
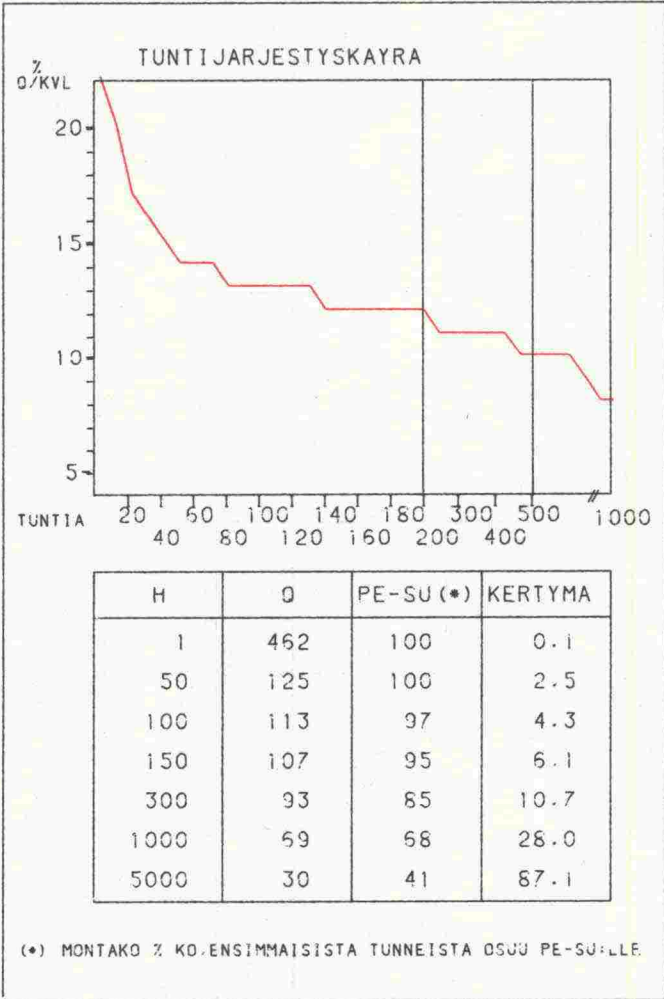
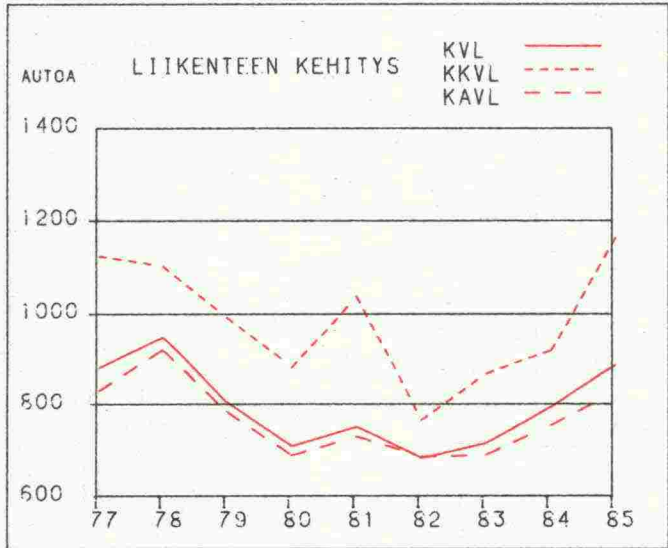
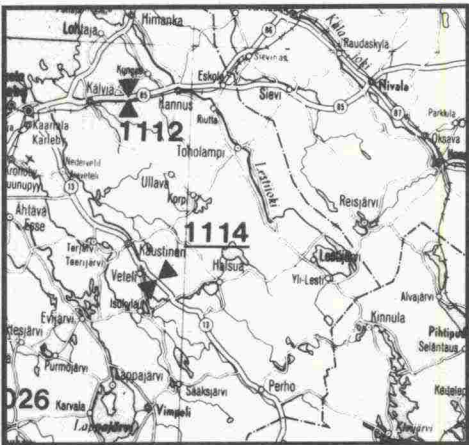
D' 1.31

ARKILIIKENTEEN KOOSTUMUS

HA + PA 80%

LA + KAIP 9%

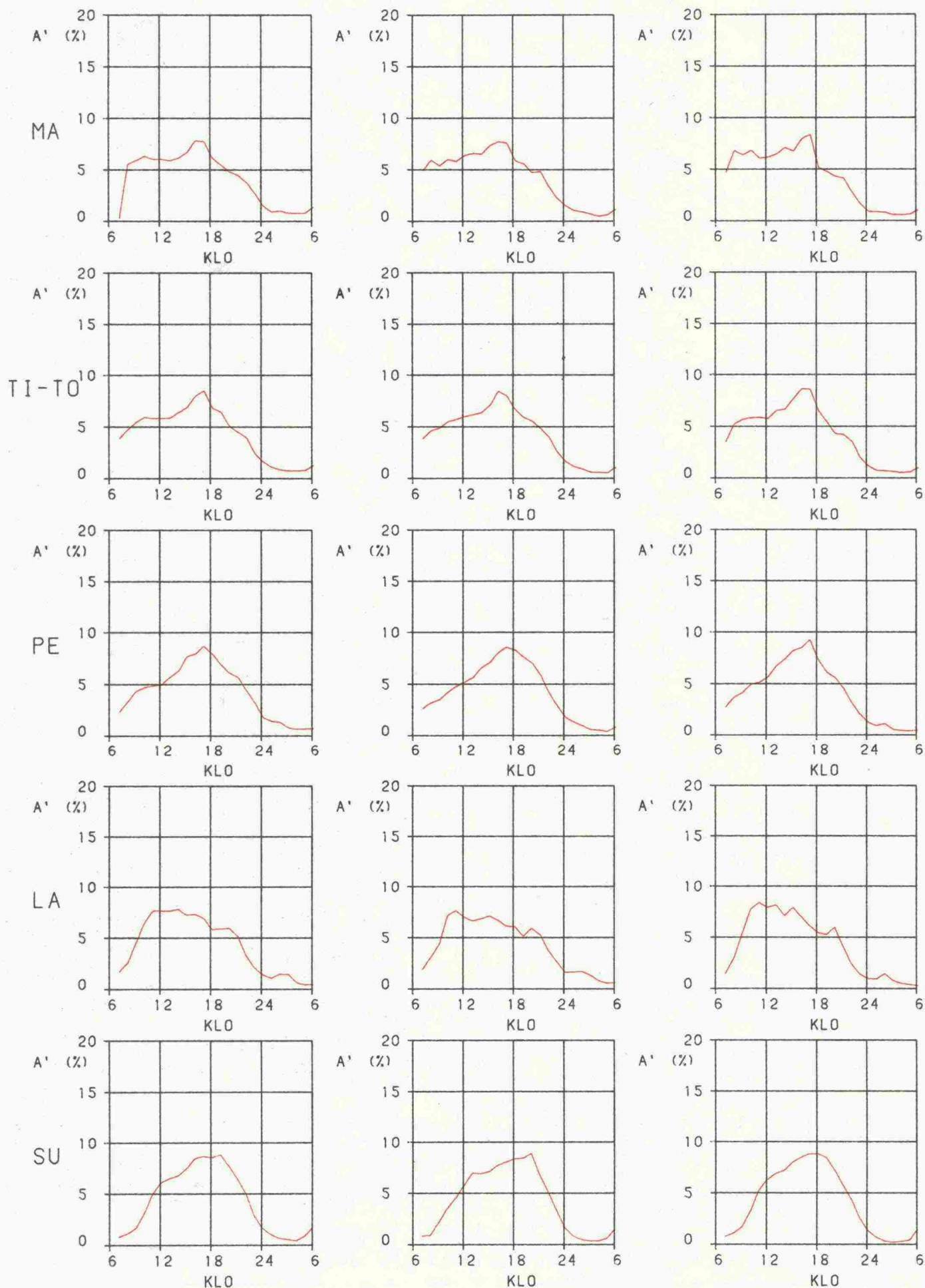
KAPP + KATP 11%



HELMIKUU

HEINAKUU

LOKAKUU





12190ULU
1985

VT4
TIEOSA 366 ETAISYYS 1.0KM

KVL
13845
B' (SU/KESA) 0.87

KAVL
14077

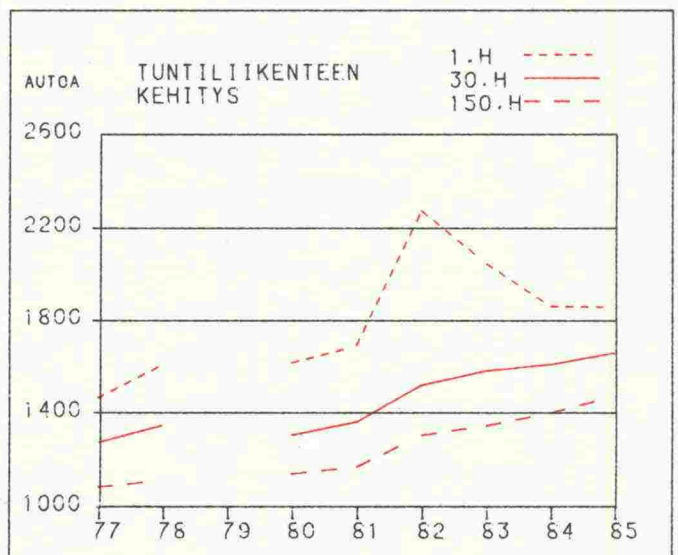
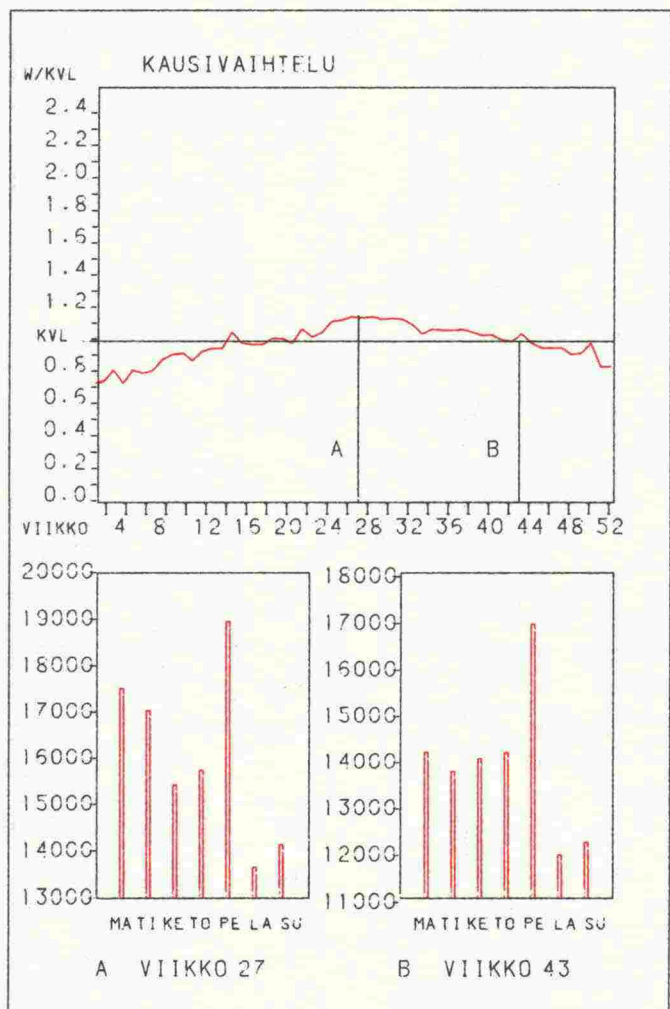
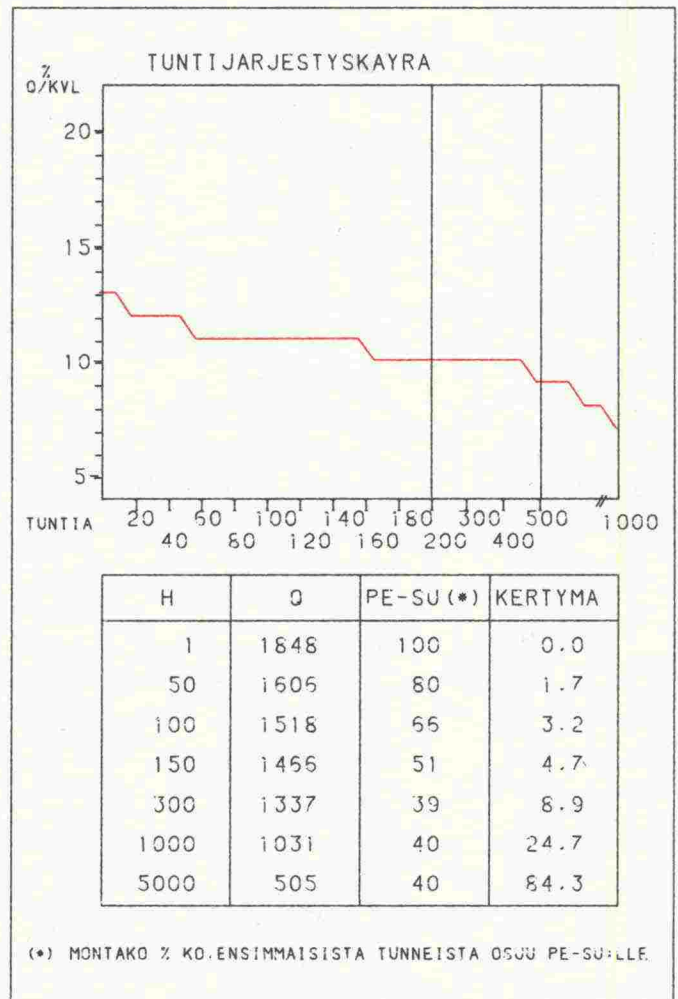
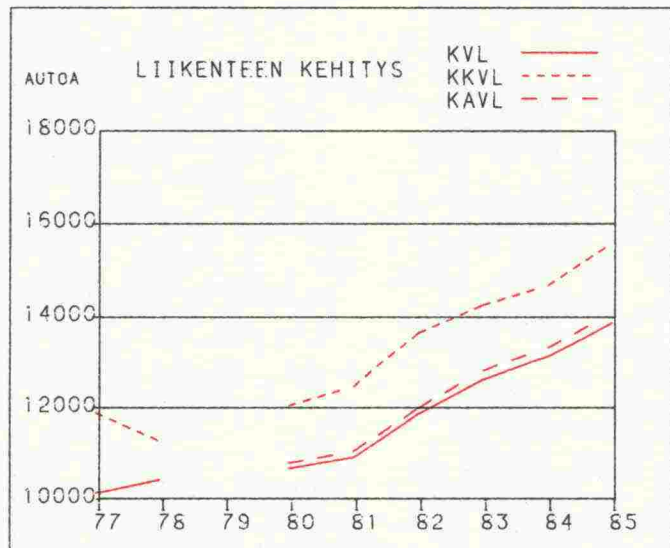
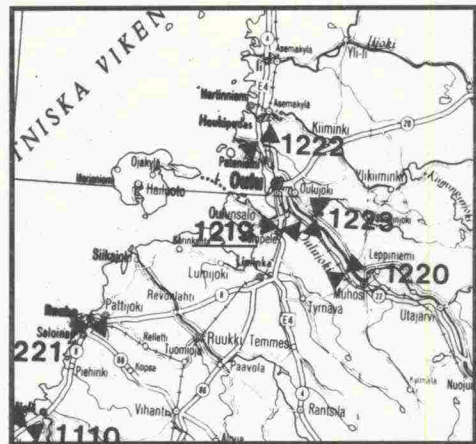
KKVL
15570
D' 1.12

ARKILIIKENTEEN KOOSTUMUS

HA
+
PA
89%

LA
+
KAIP
5%

KAPP
+
KATP
6%

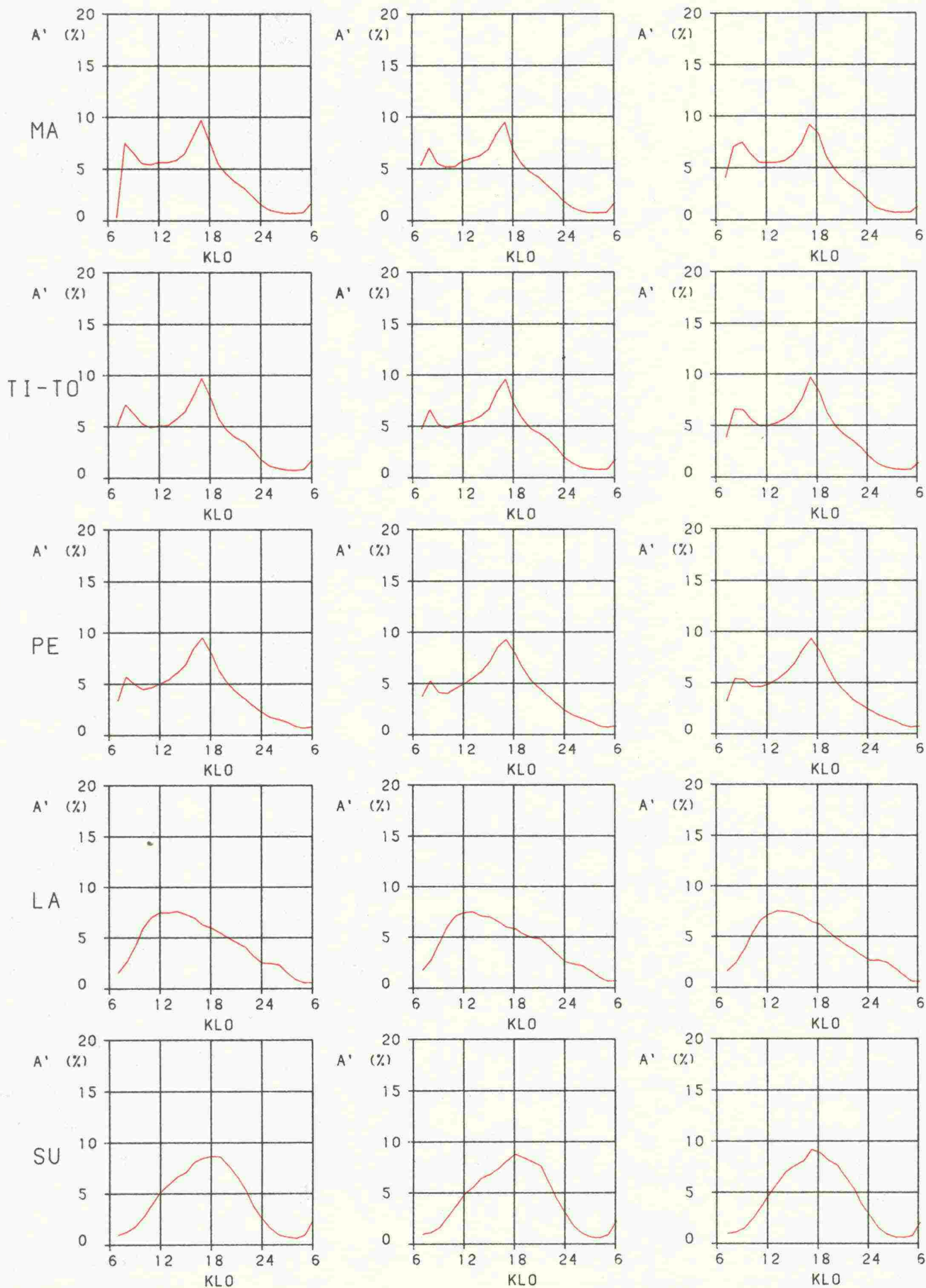


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU



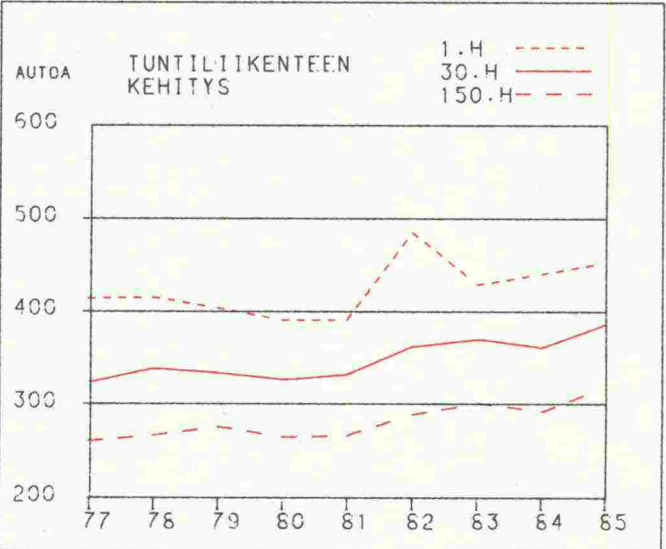
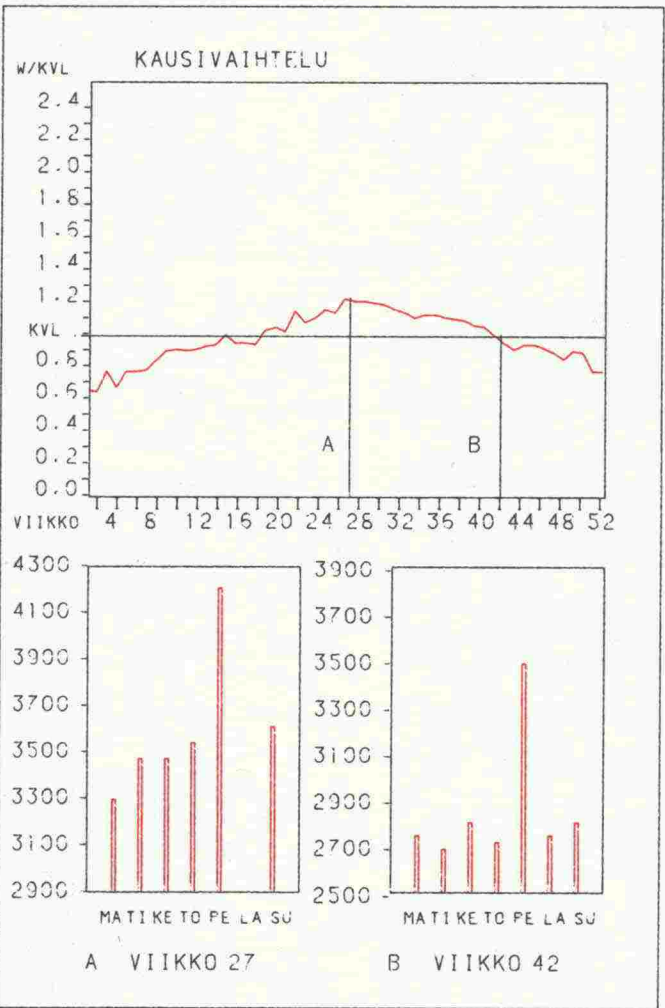
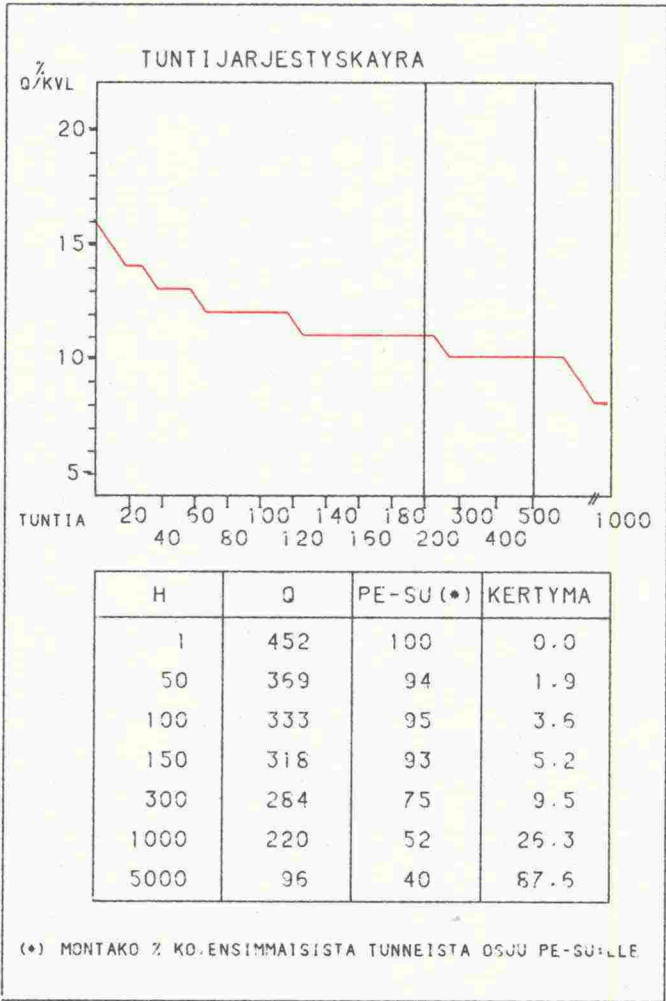
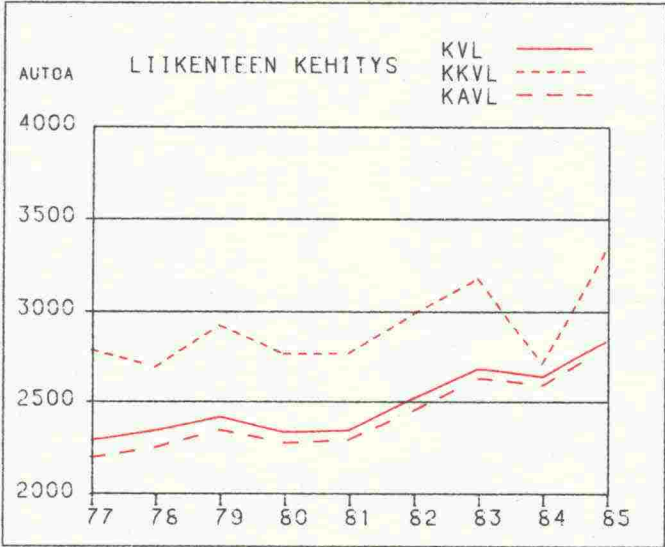
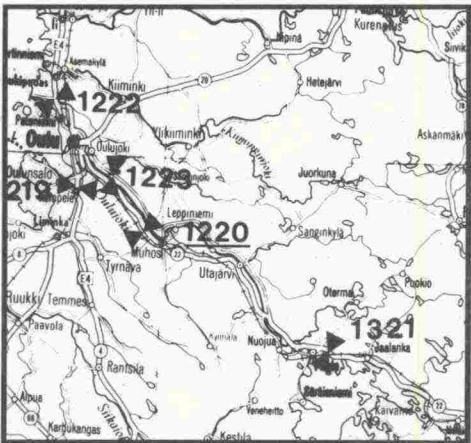


1220MUHOS/LAITASAARI1985  
 VT22 TIEOSA 6 ETAISYYS 0.0KM

KVL 2825 B' (SU/KESA) 1.03  
 KAVL 2784  
 KKVL 3326 D' 1.17

ARKILIIKENTEEN KOOSTUMUS

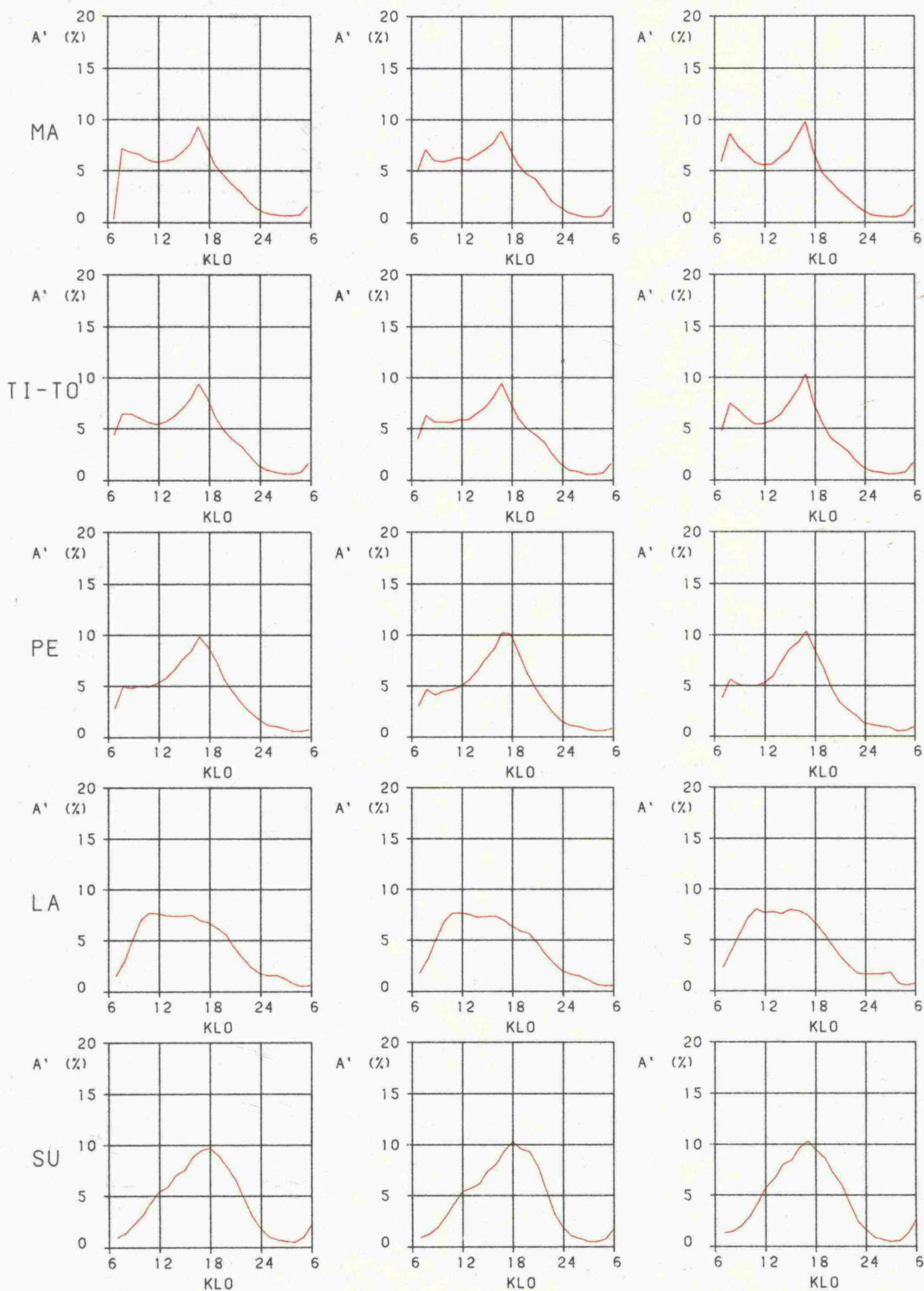
HA + PA 87 %  
 LA + KAIP 5 %  
 KAPP + KATP 8 %



HELMIKUU

HEINAKUU

LOKAKUU





KVL 5256

B' (SU/KESA) 0.73

KAVL 5396

D' 1.06

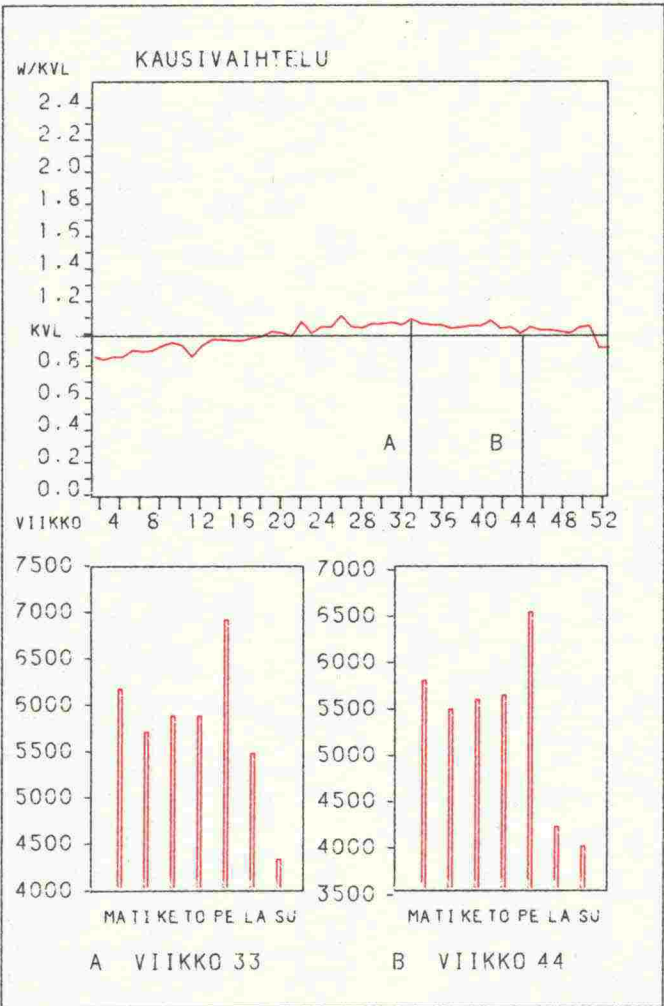
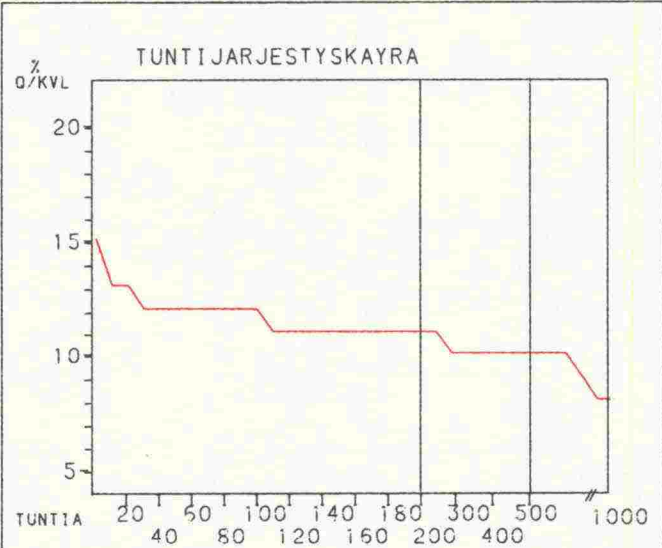
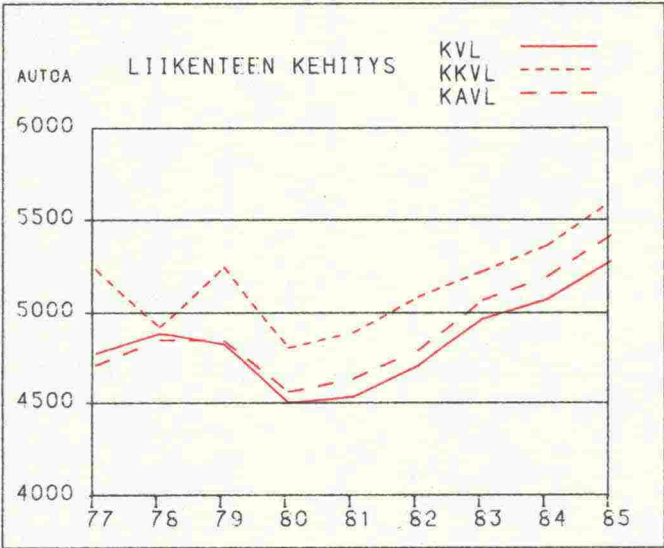
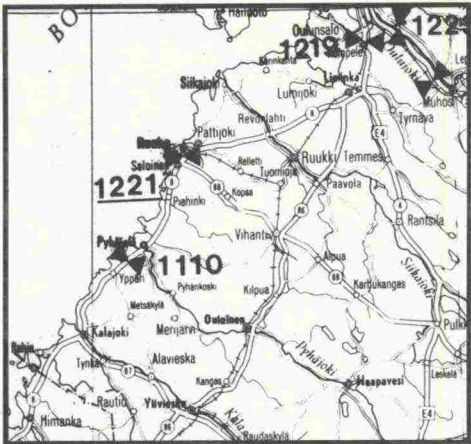
KKVL 5580

ARKILIIKENTEN KOOSTUMUS

HA + PA 95 %

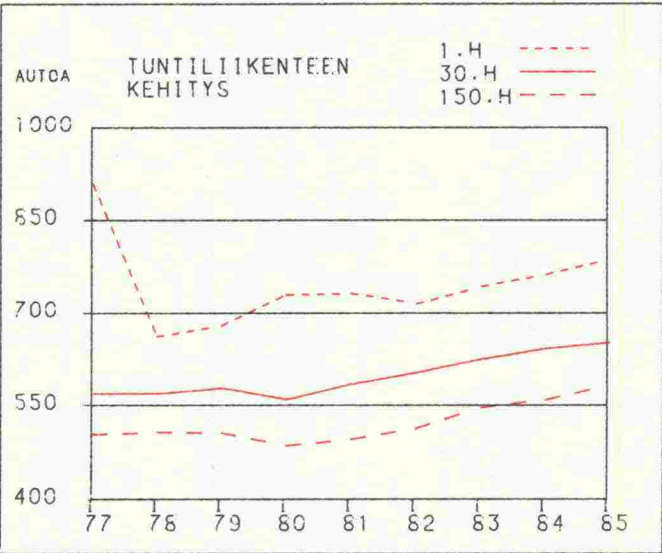
LA + KAIP 3 %

KAPP + KATP 2 %



H	O	PE-SU(*)	KERTYMA
1	784	100	0.0
50	633	100	1.8
100	605	55	3.4
150	580	79	4.9
300	533	46	9.2
1000	424	41	26.3
5000	181	40	68.6

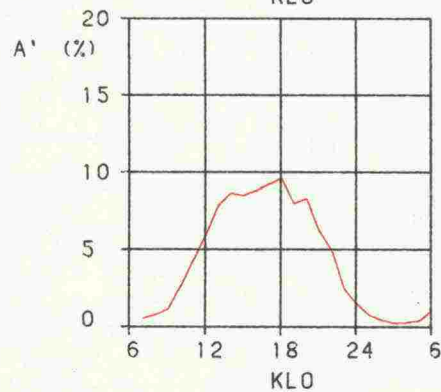
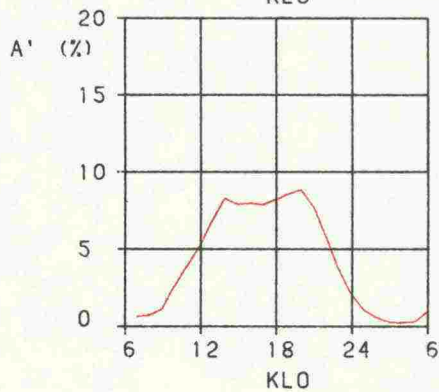
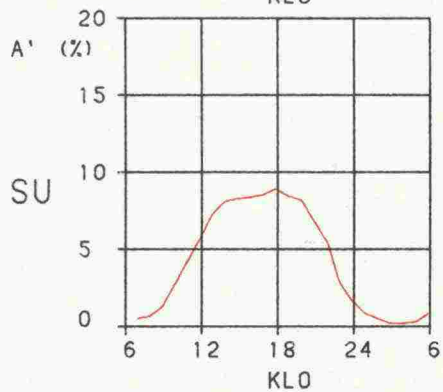
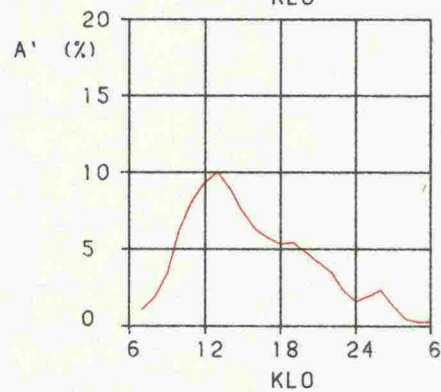
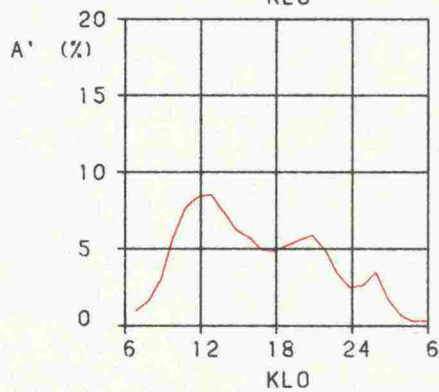
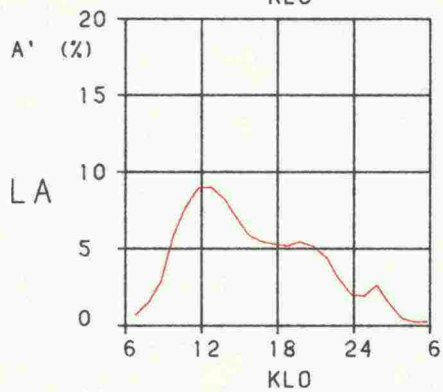
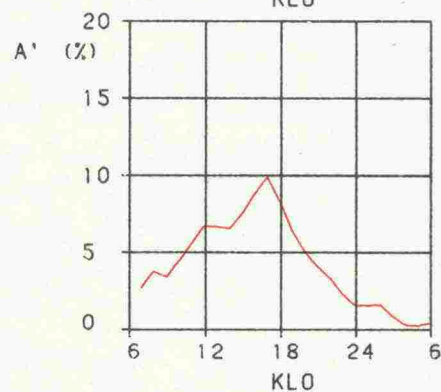
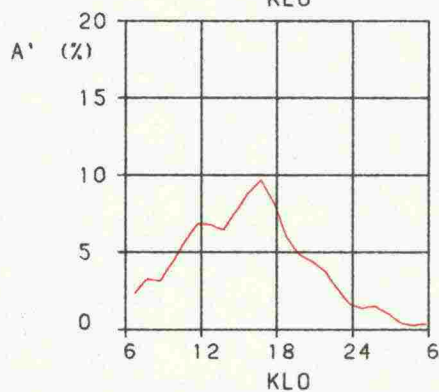
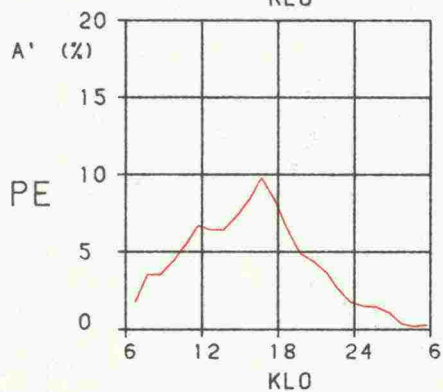
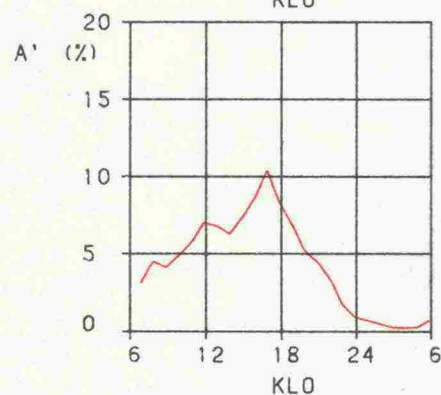
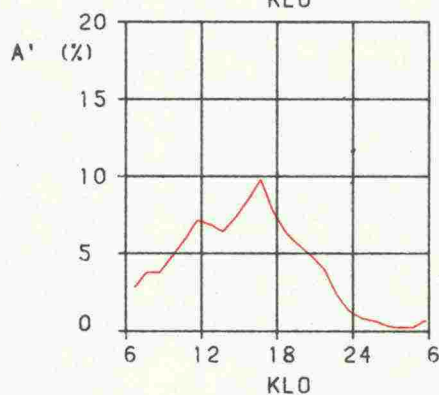
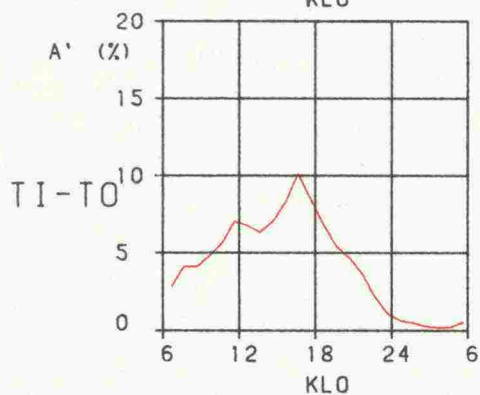
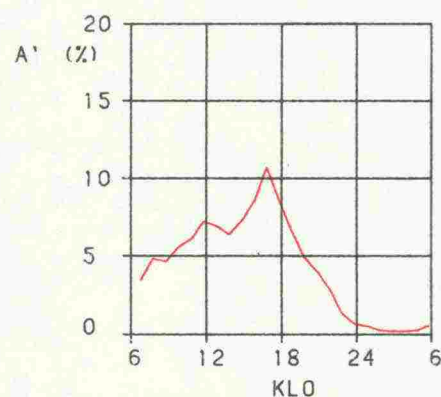
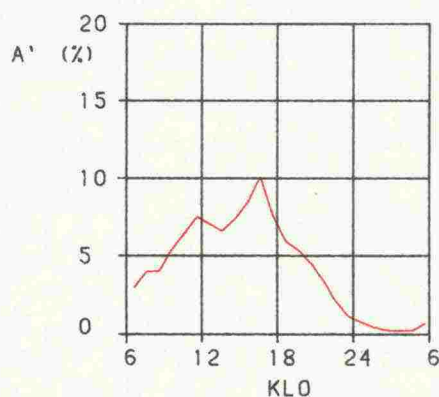
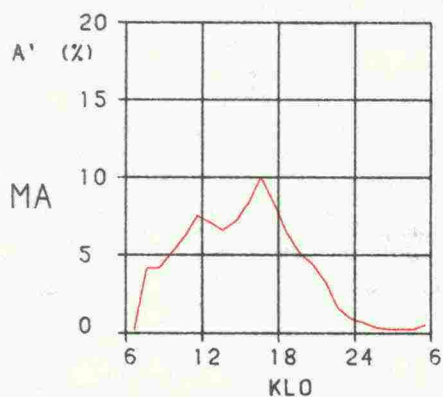
(\*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUU PE-SU:ALLE



HELMIKUU

HEINAKUU

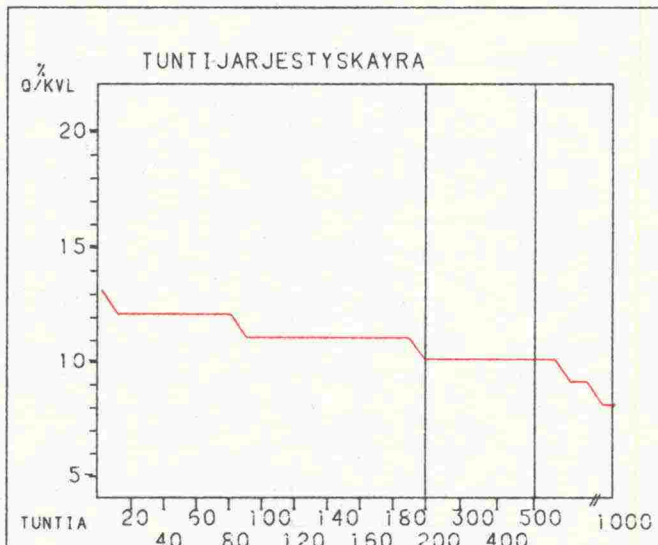
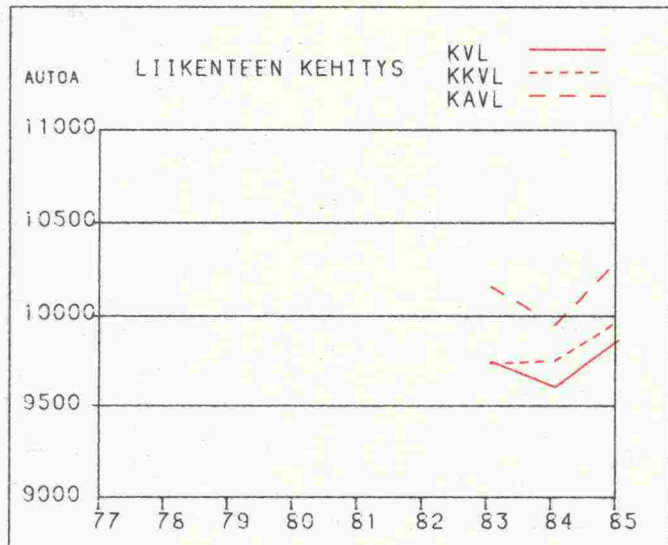
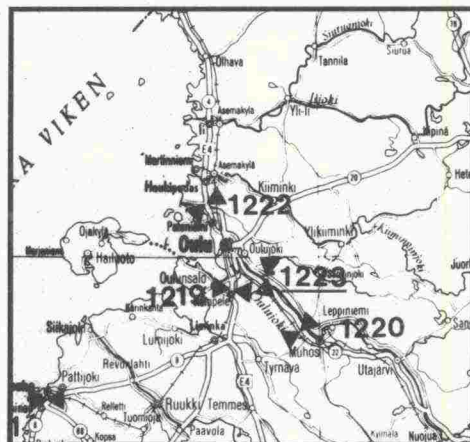
LOKAKUU





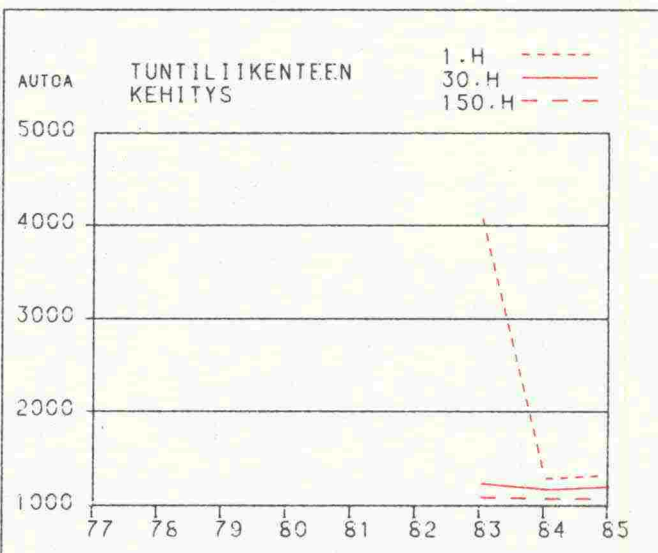
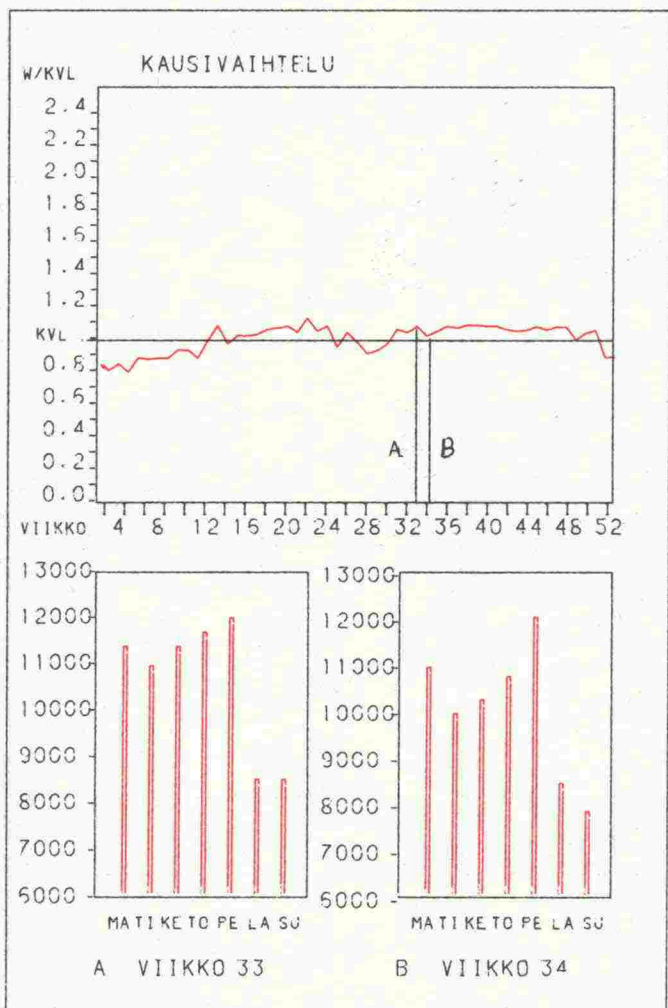
KKVL 9959 D' 1.01

KAPP + KATP 2 %



H	G	PE-SU(*)	KERTYMA
1	1315	100	0.0
50	1162	44	1.7
100	1112	41	3.3
150	1062	52	4.8
300	970	30	9.0
1000	764	31	25.7
5000	366	38	87.0

(\*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUJ PE-SU: LLE

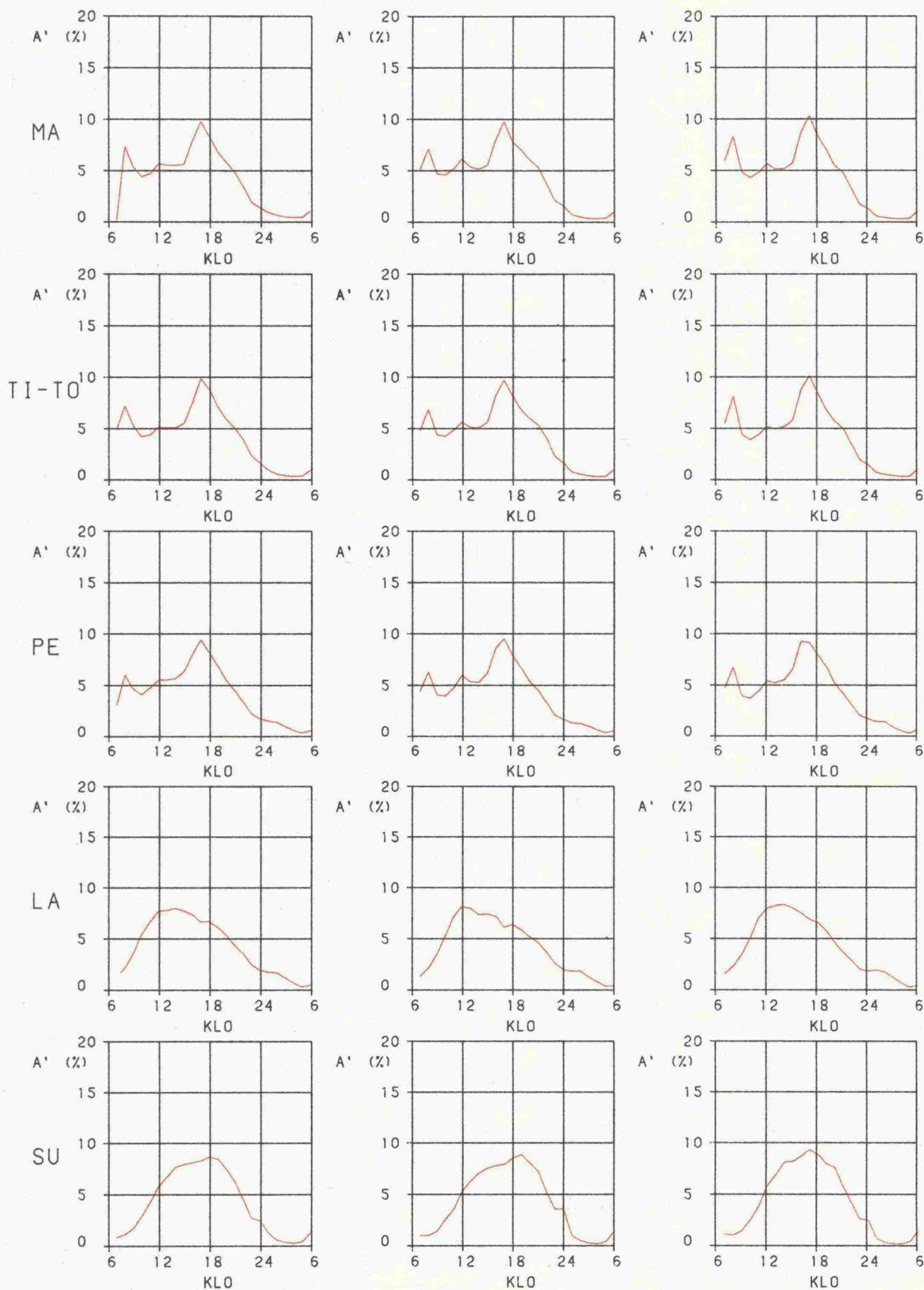


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU



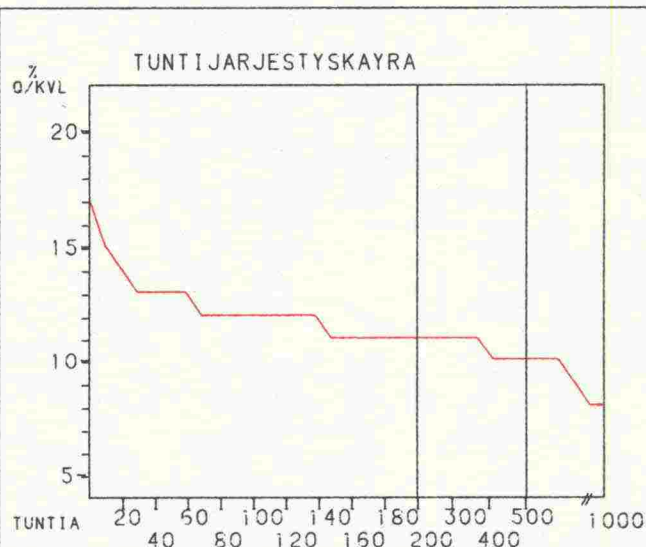
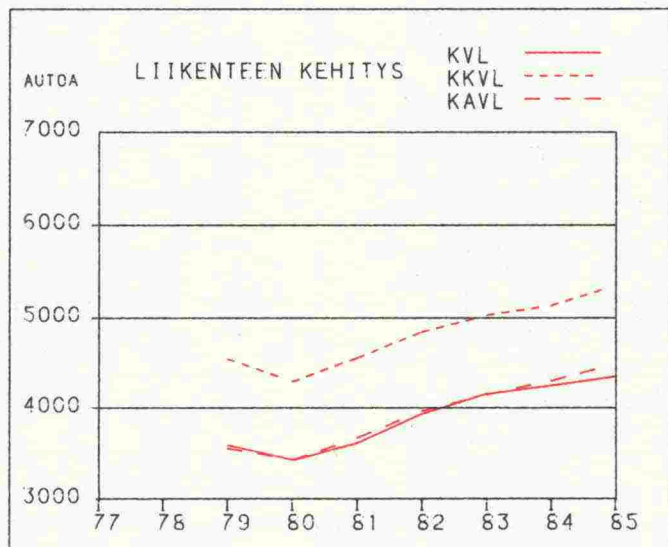
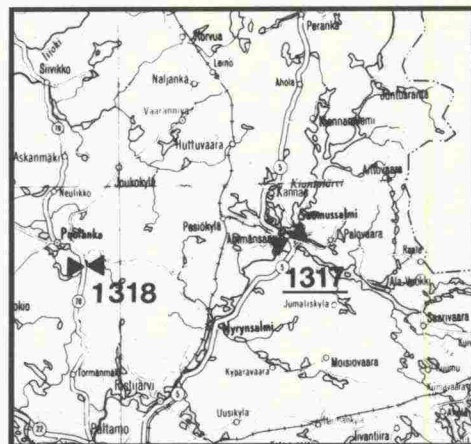


1317SUOMUSSALMI 1985  
VT5 TIEOSA 324 ETAISYYS 2.7 KM

KVL 4314 B' (SU/KESA) 0.76  
KAVL 4441  
KKVL 5318 D' 1.23

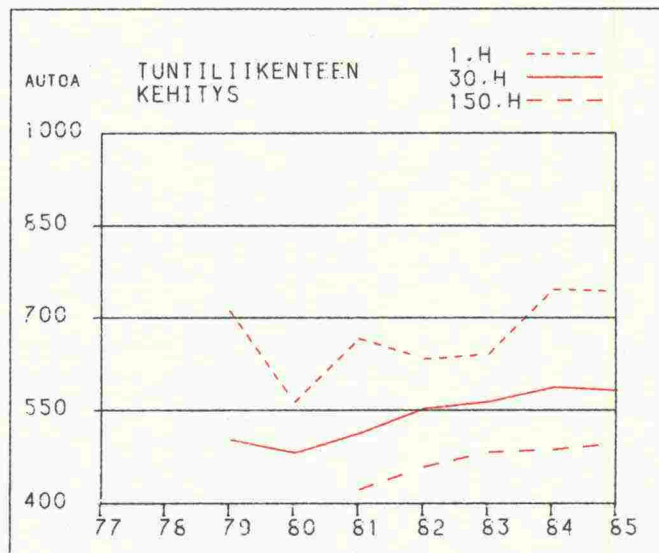
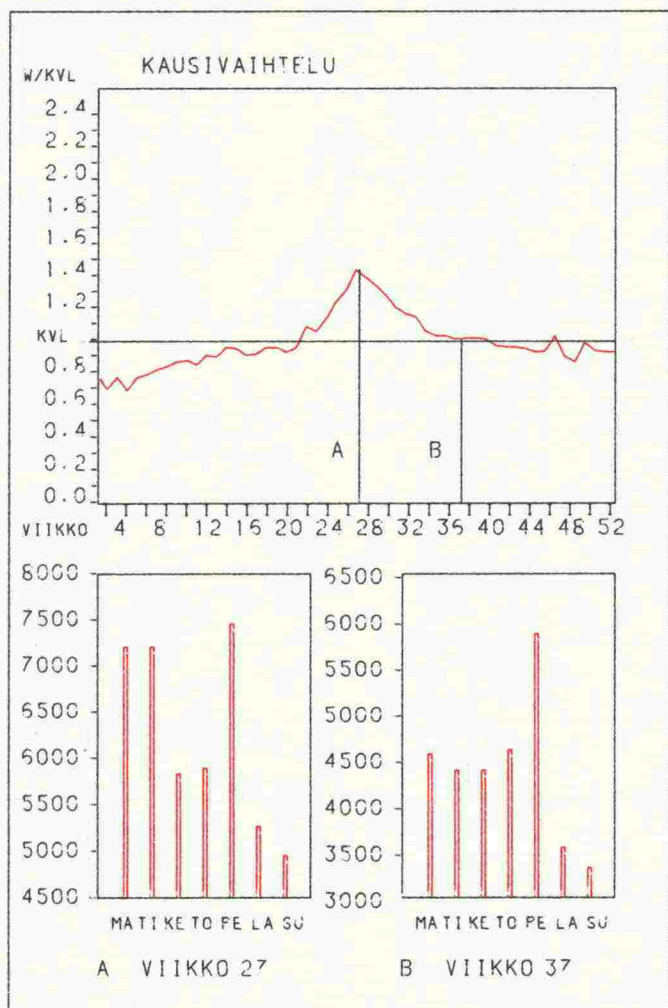
# ARKILIIKENTEN KOOSTUMUS

HA + PA 90 %  
LA + KAIP 7 %  
KAPP + KATP 3 %



H	Q	PE-SU (*)	KERTYMA
1	740	100	0.1
50	547	68	1.9
100	520	59	3.6
150	496	71	5.2
300	452	43	9.7
1000	346	40	27.1
5000	147	40	88.6

(\*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUUS PE-SU:LLA.

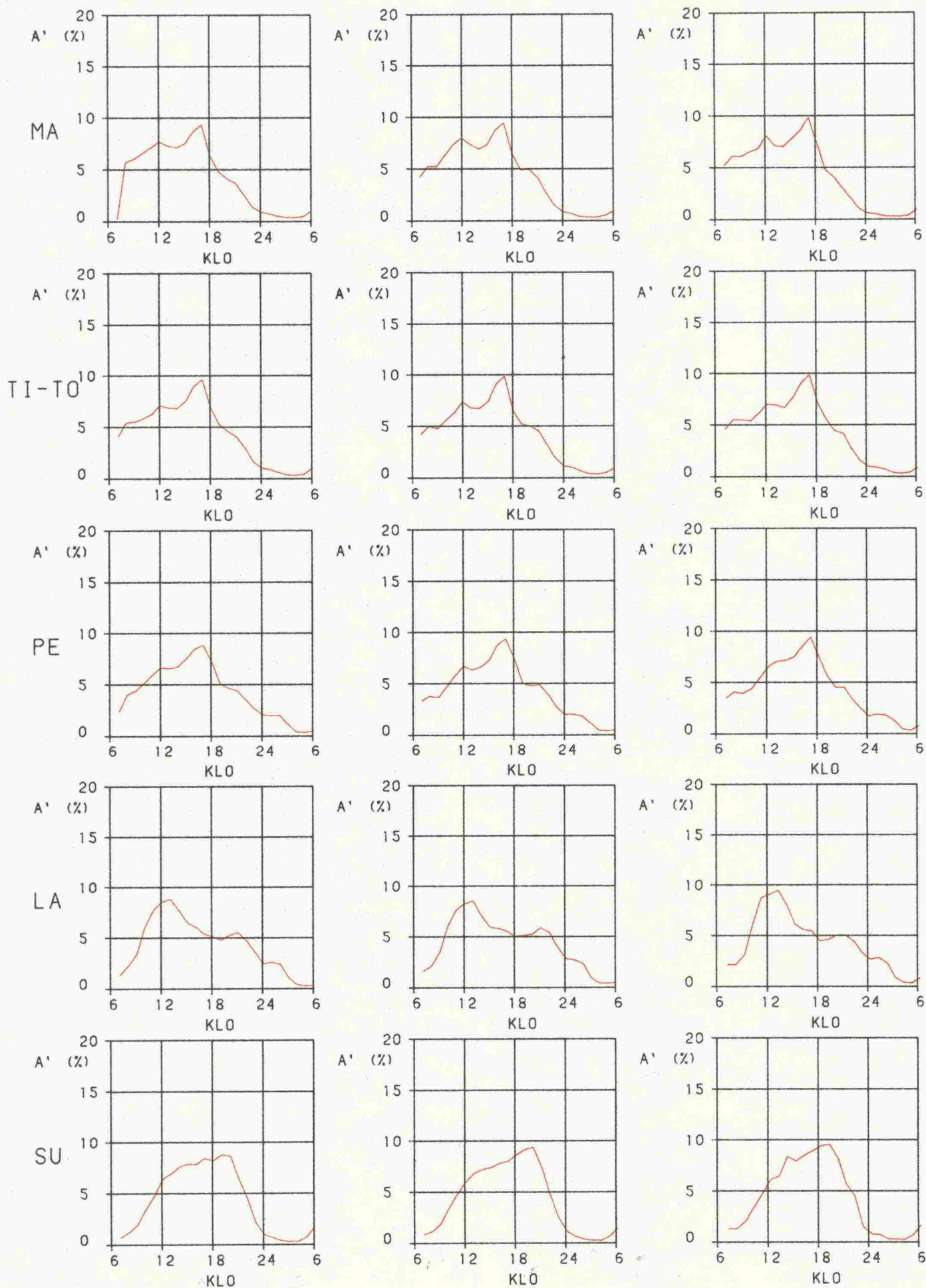


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU





1318PUOLANKA

1985

KT78

TIEOSA 110 ETAISYYS 2.1 KM

KVL 523

B' (SU/KESA) 1.10

KAVL 505

KKVL 741

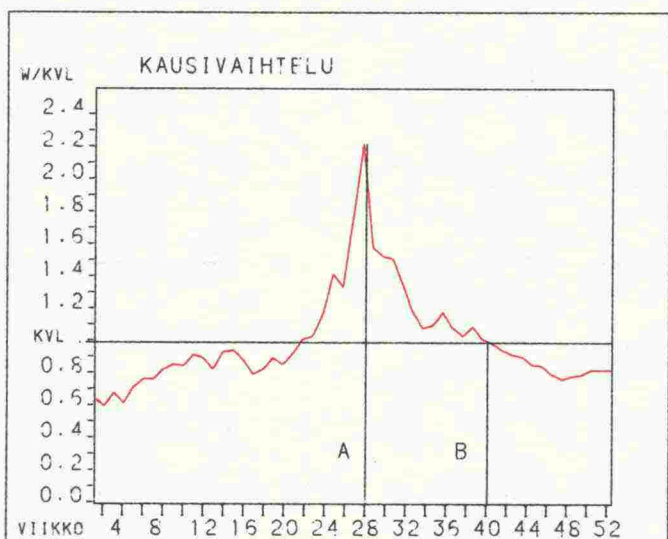
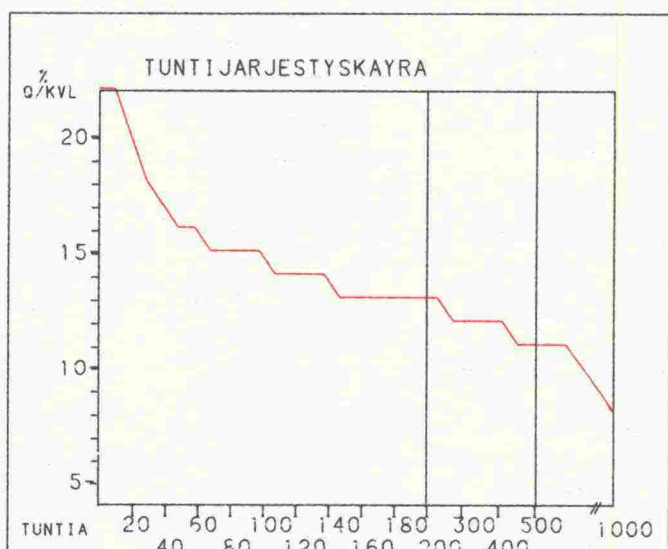
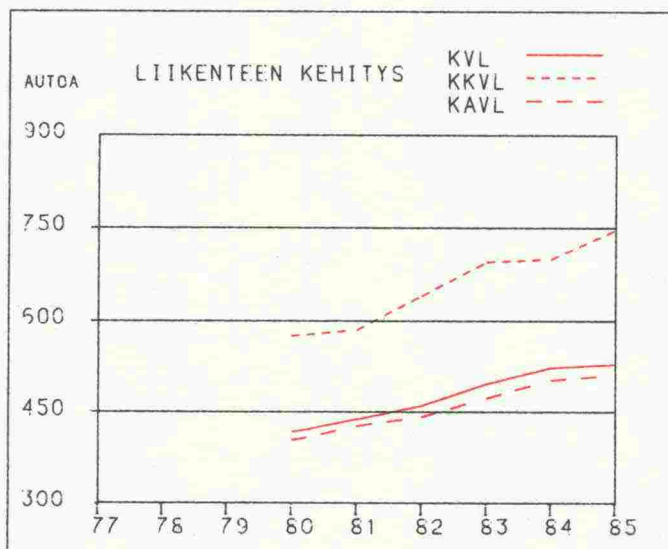
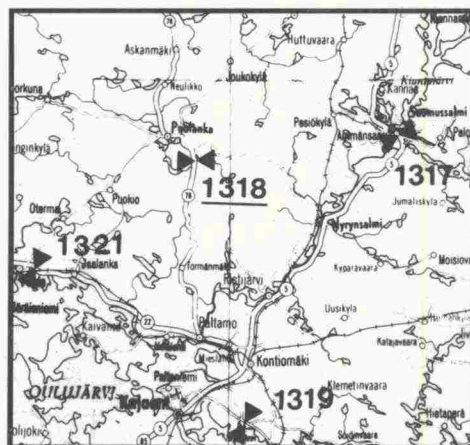
D' 1.41

## ARKILIIKENTEN KOOSTUMUS

HA + PA 84 %

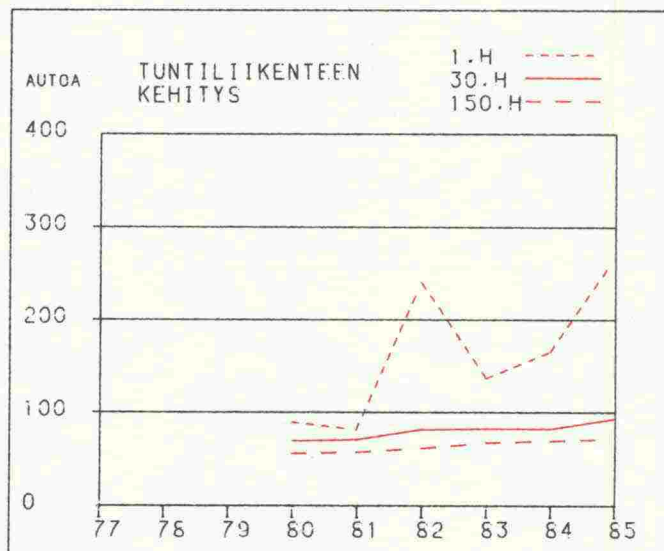
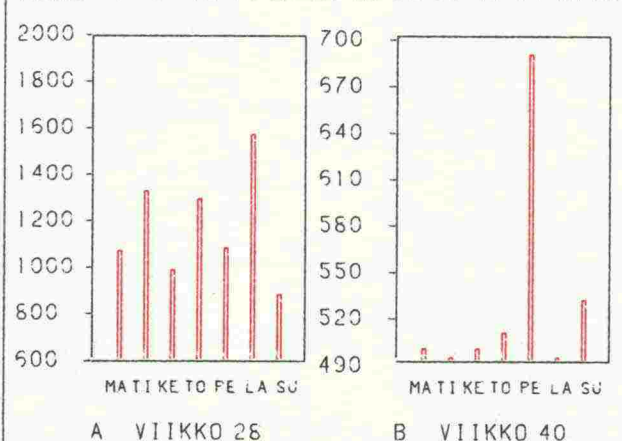
LA + KAIP 11 %

KAPP + KATP 5 %



H	Q	PE-SU (*)	KERTYMA
1	265	100	0.1
50	86	62	2.8
100	76	67	4.9
150	70	71	6.8
300	61	70	12.0
1000	44	54	30.6
5000	15	42	90.2

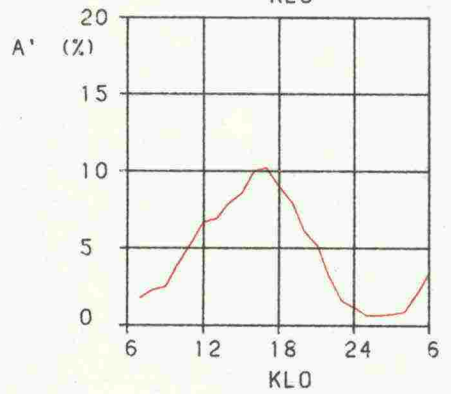
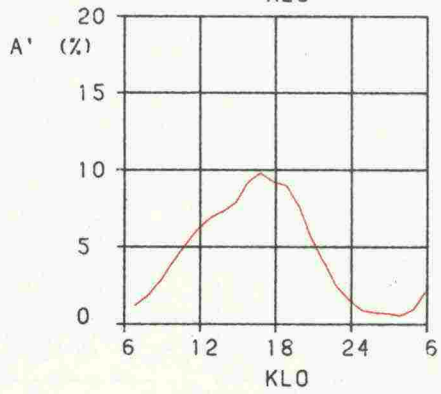
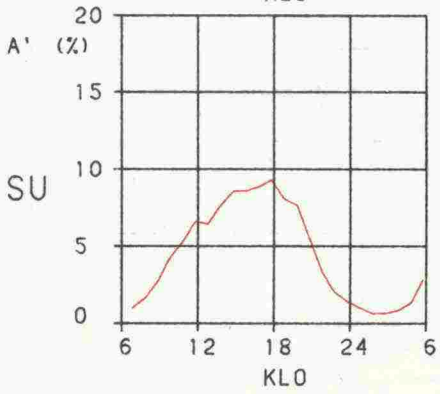
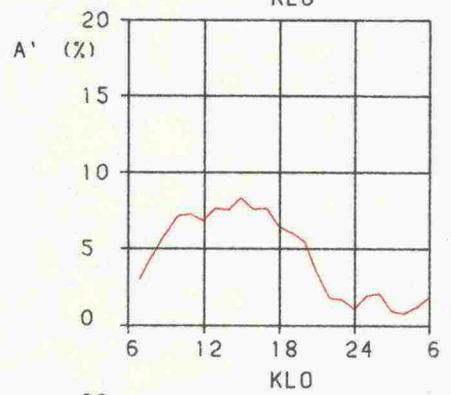
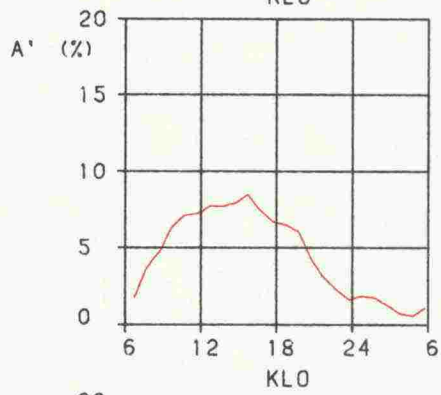
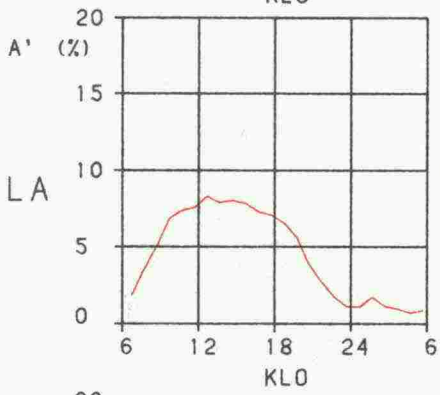
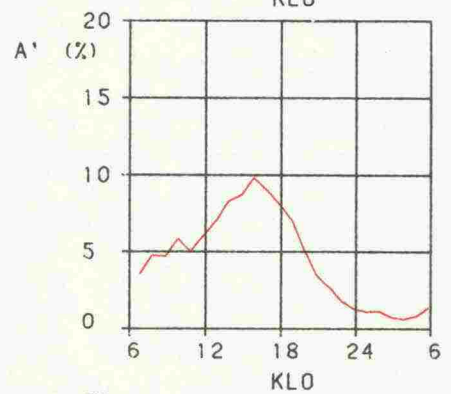
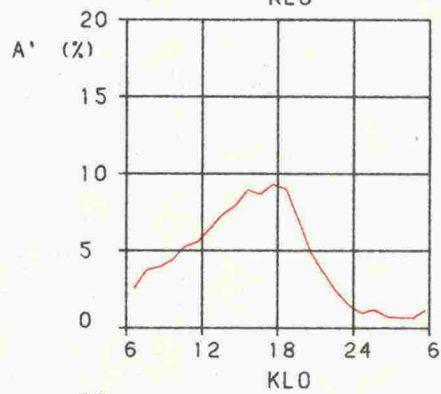
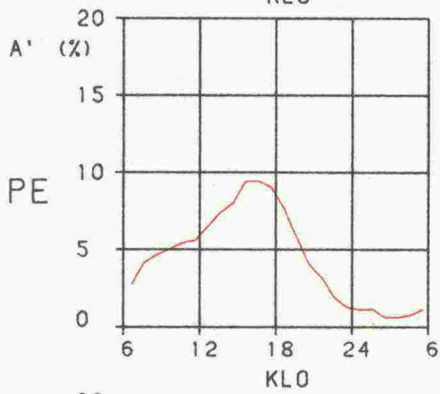
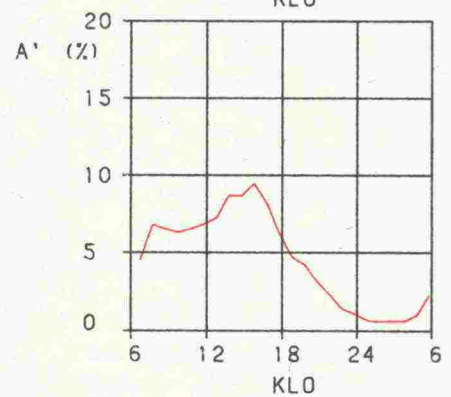
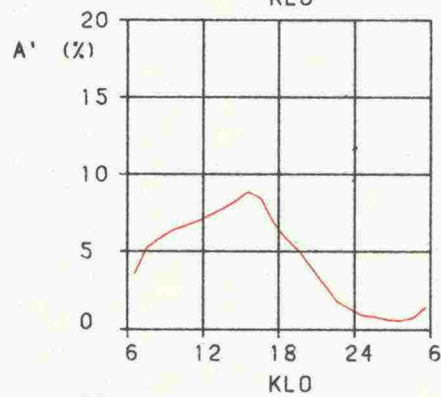
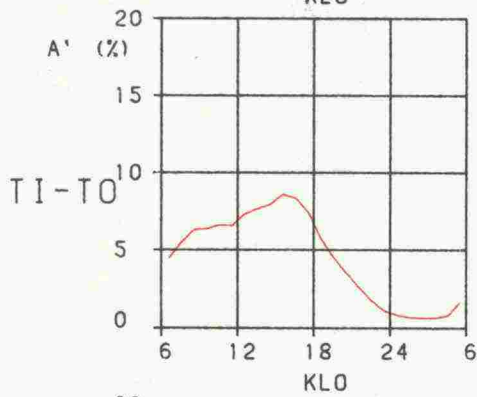
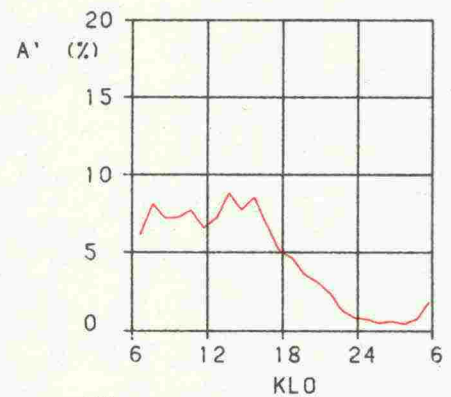
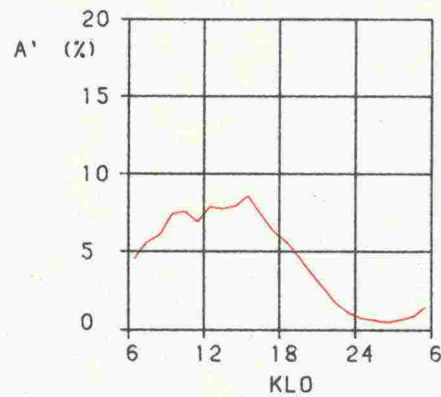
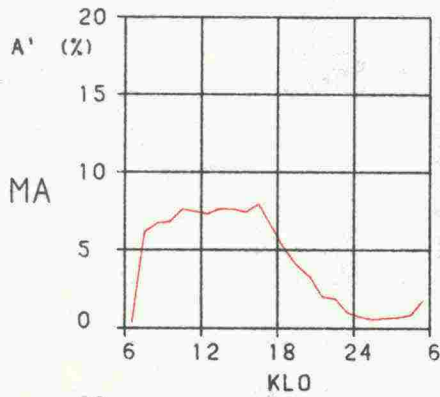
(\*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSU PE-SU:LE



## HELMIKUU

## HEINAKUU

## LOKAKUU

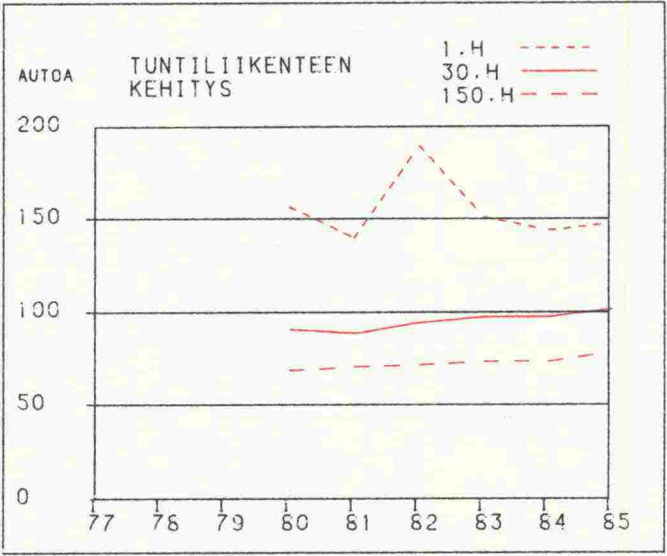
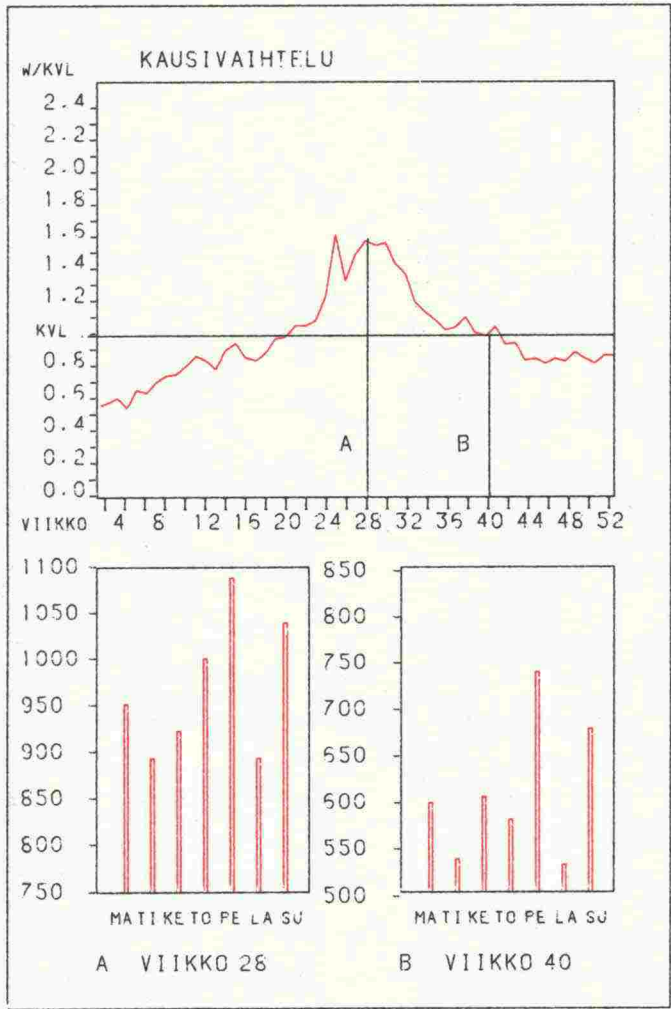
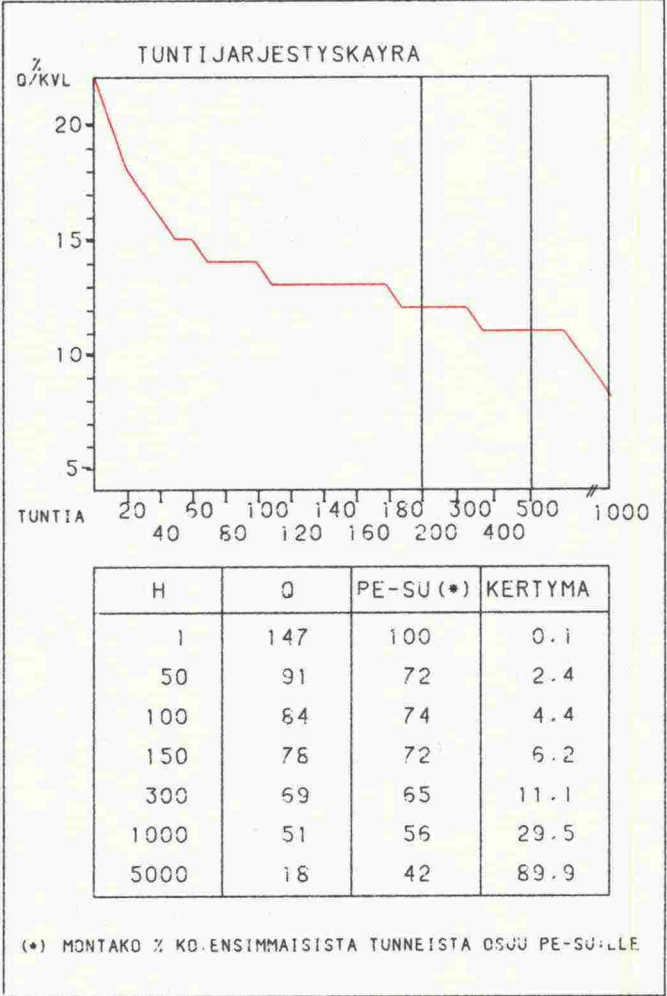
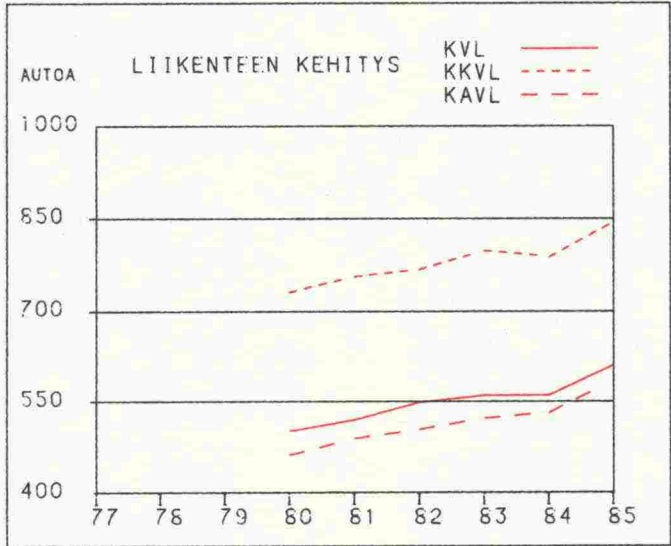




KVL 608 B' (SU/KESA) 1.06  
KAVL 583  
KKVL 843 D' 1.38

ARKILIIKENTEEN KOOSTUMUS

HA + PA 85 %  
LA + KAIP 9 %  
KAPP + KATP 6 %

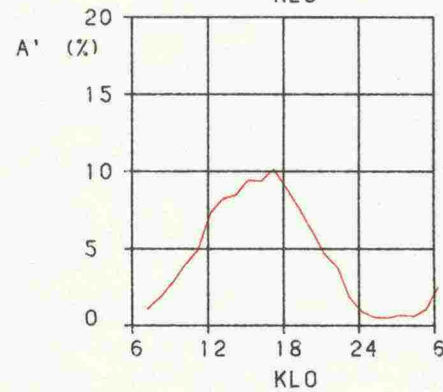
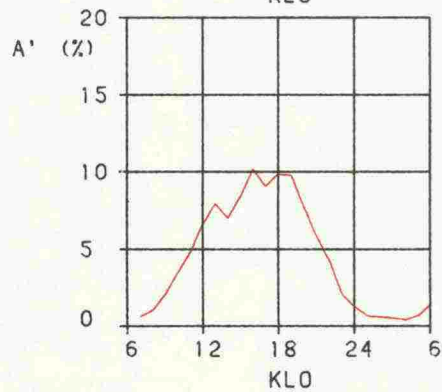
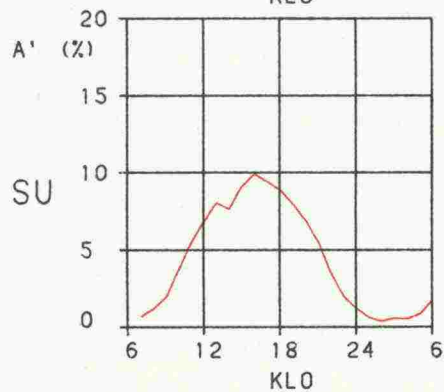
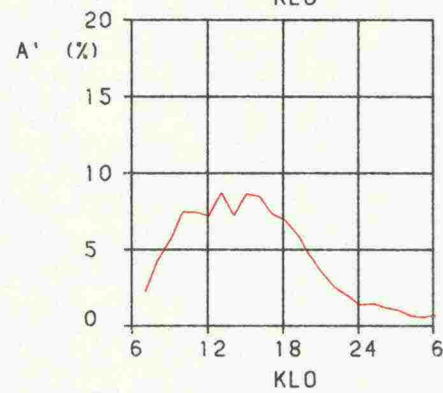
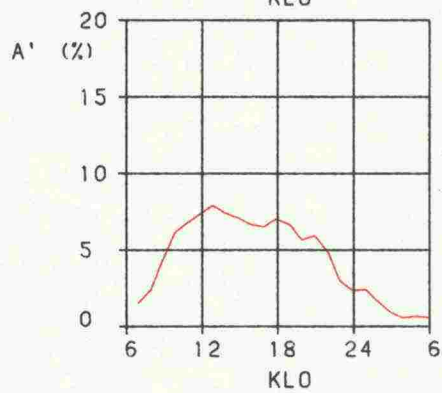
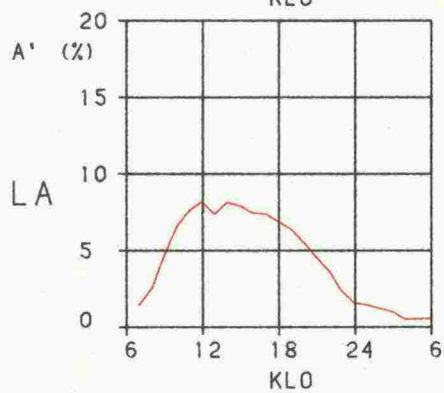
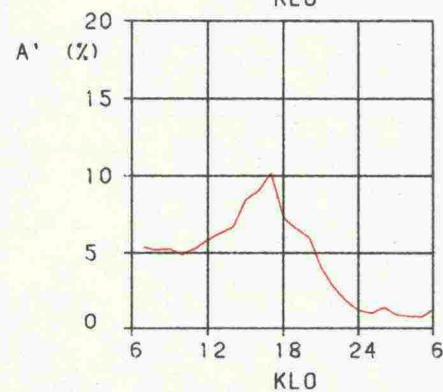
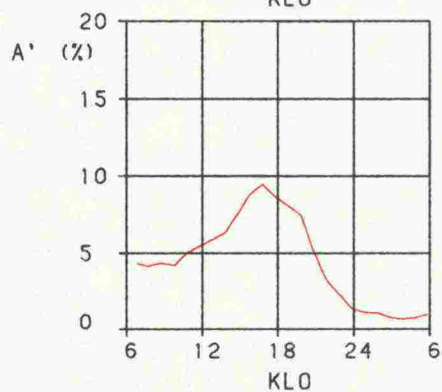
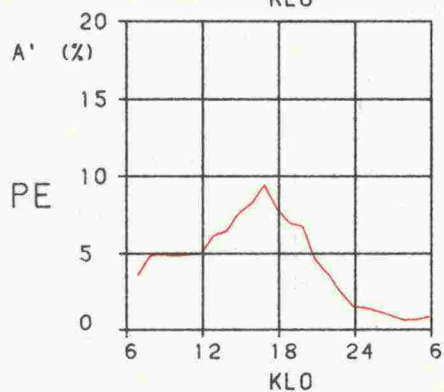
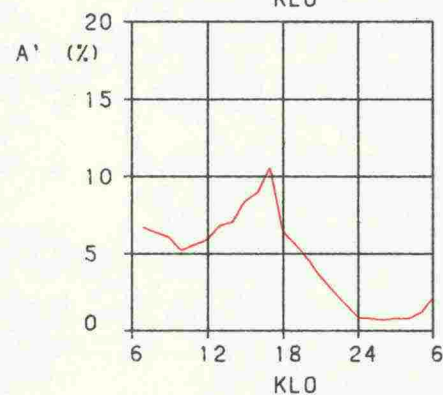
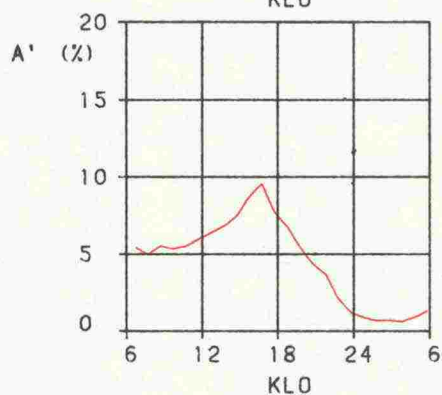
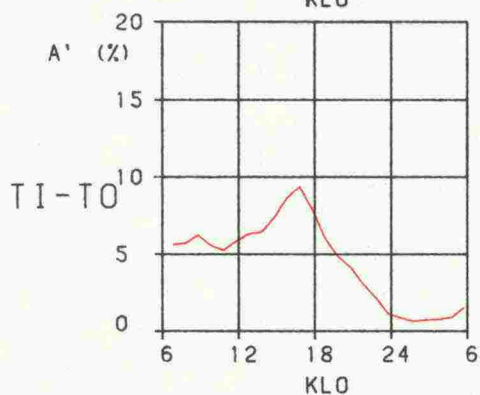
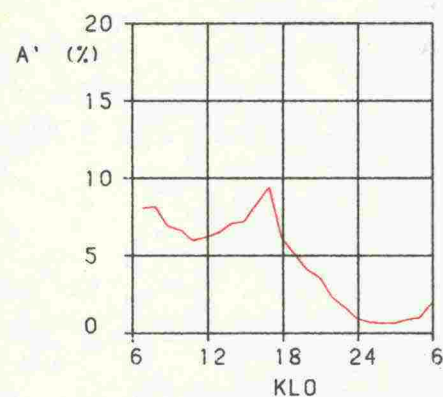
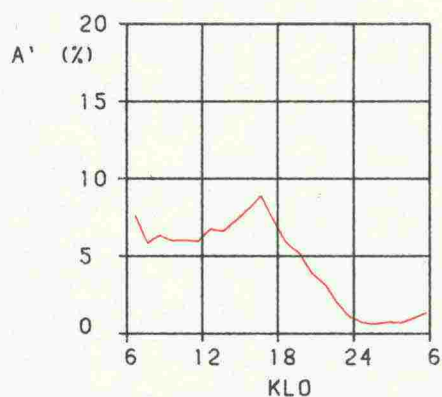
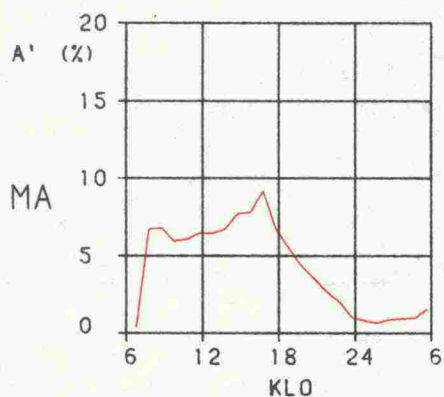


## TUNTIVAIHTELU

HELMIKUU

HEINAKUU

LOKAKUU





KVL 3723

B' (SU/KESA) 0.73

KAVL 3973

D' 1.11

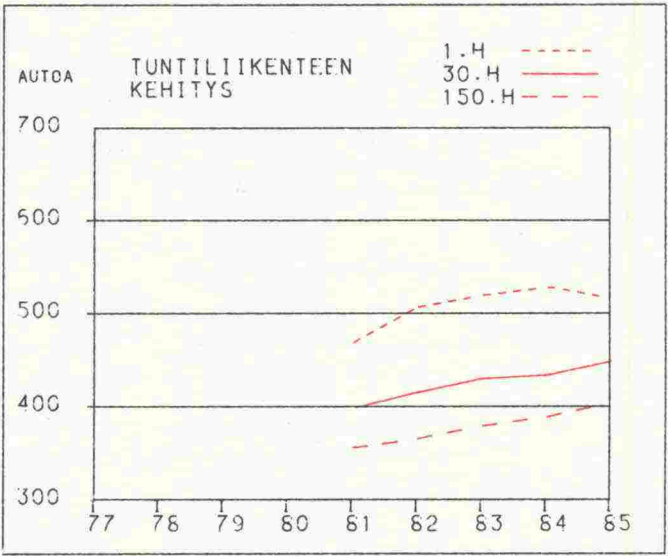
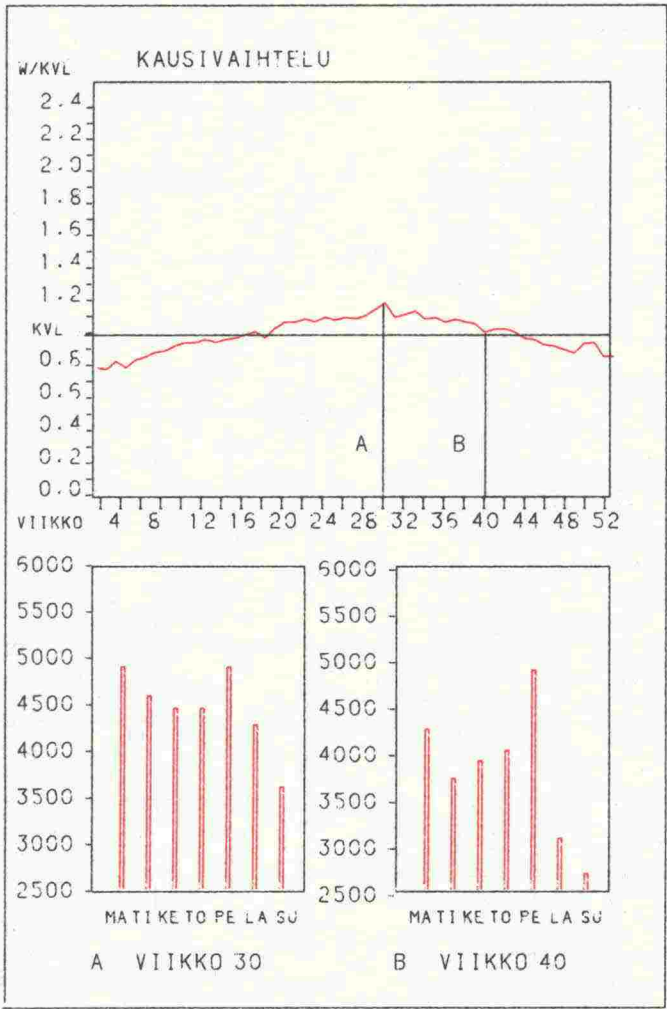
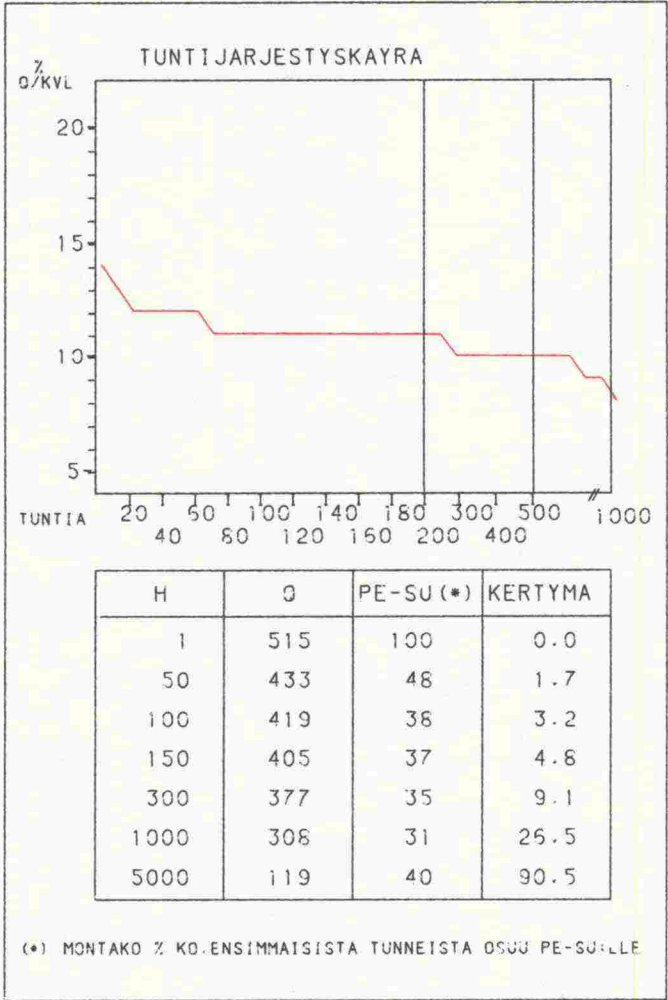
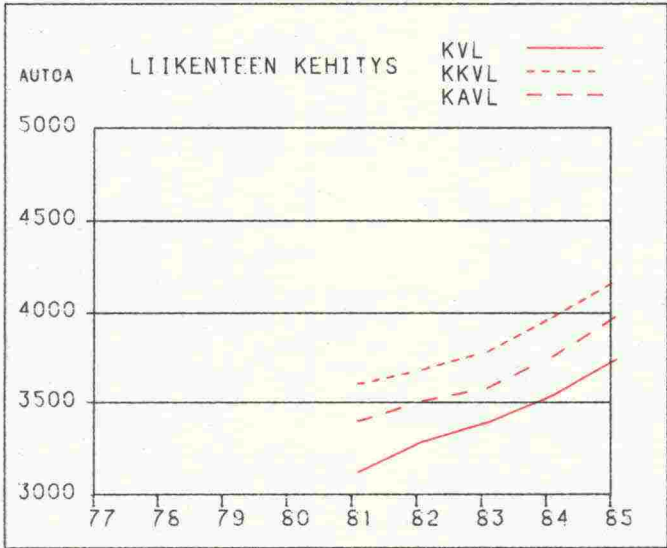
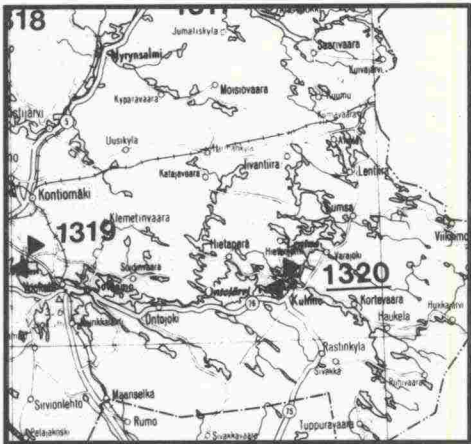
KKVL 4166

ARKILIIKENTEN KOOSTUMUS

HA + PA 90 %

LA + KAIP 8 %

KAPP + KATP 2 %

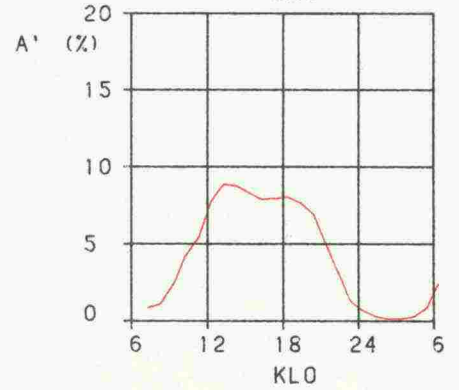
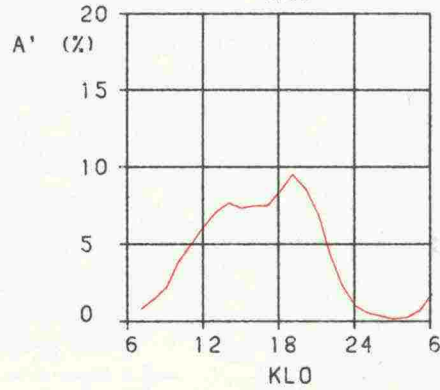
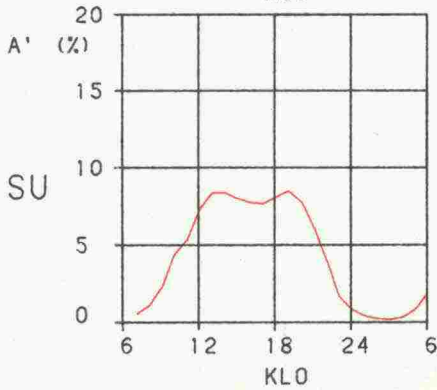
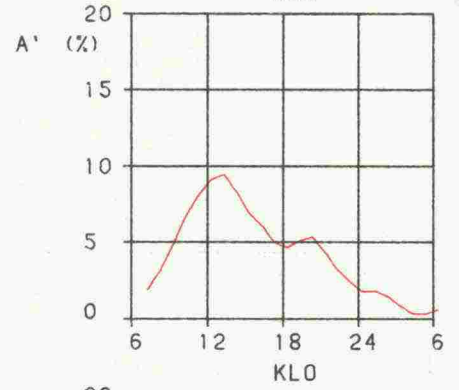
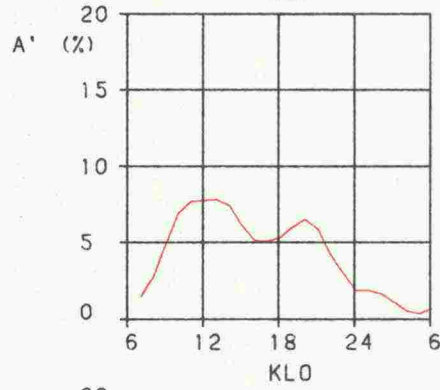
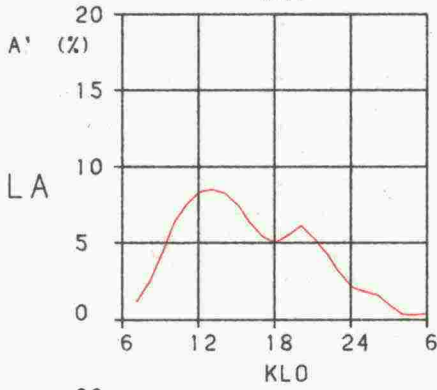
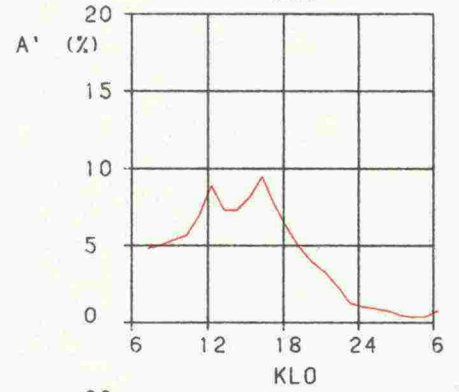
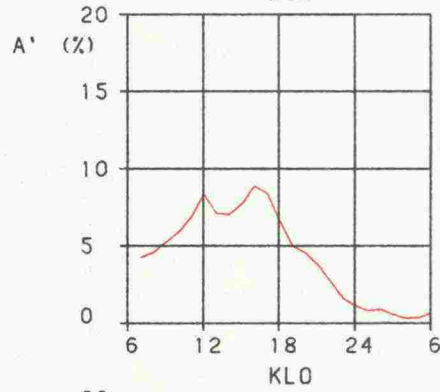
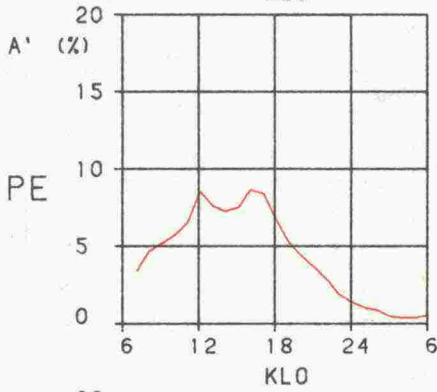
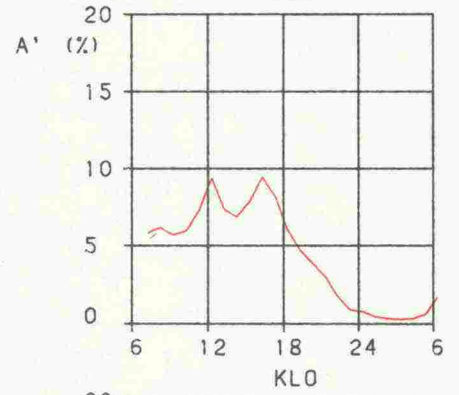
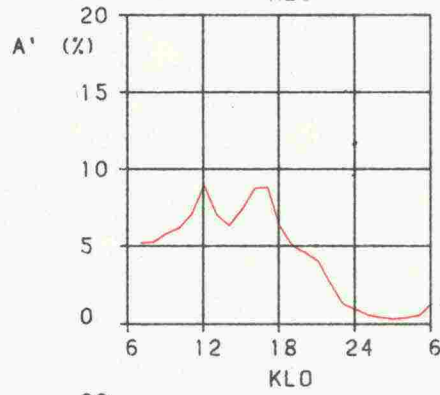
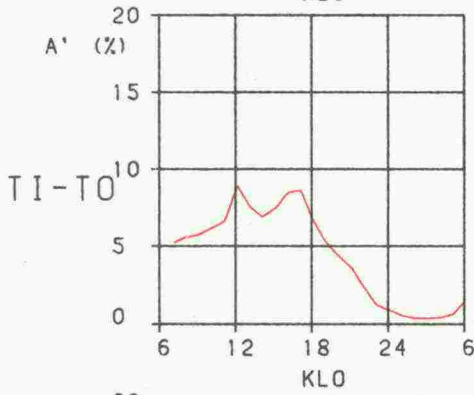
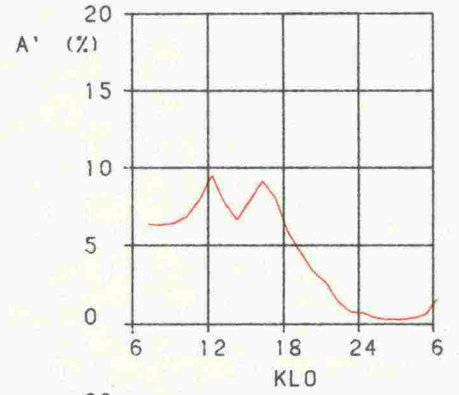
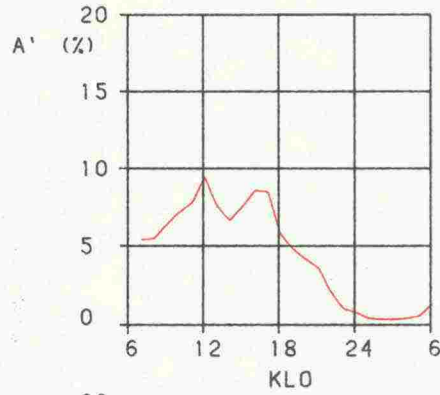
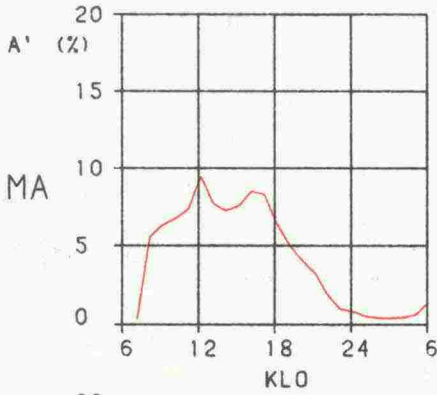


# TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU





1321 TÖRMÄKYLÄ

1985

VT22 TIEOSA 17 ETAISYYS 1.7 KM

KVL 1042

B' (SU/KESA) 1.21

KAVL 956

D' 1.36

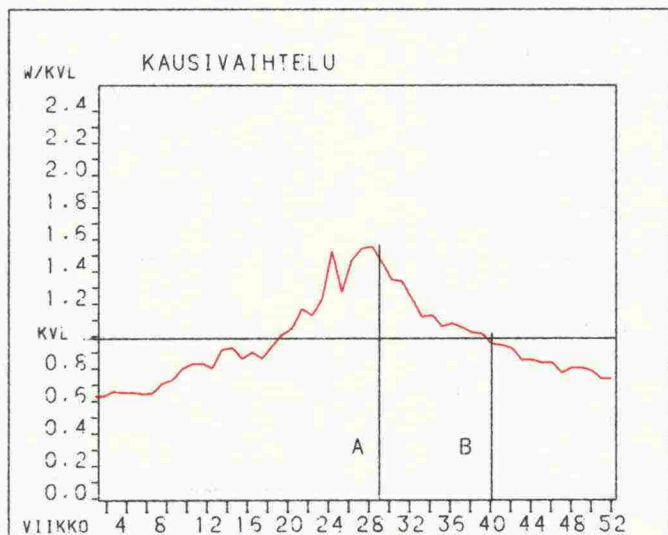
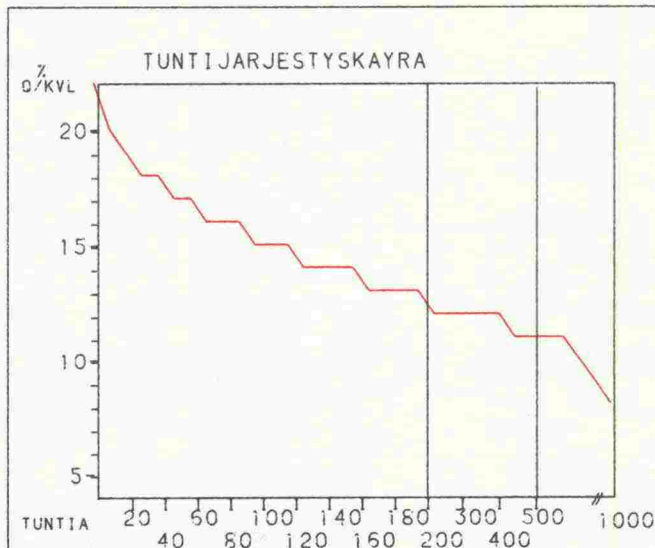
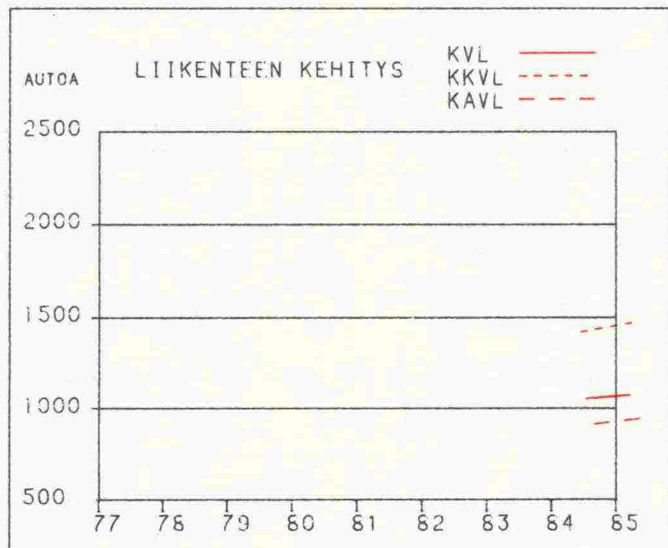
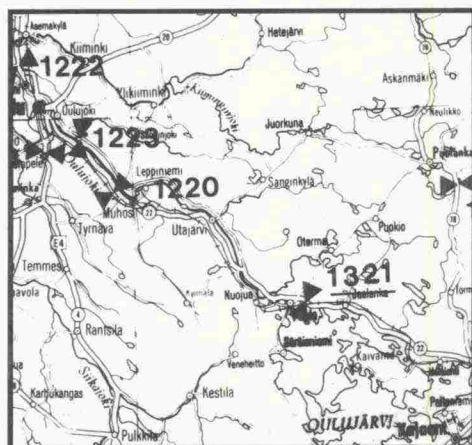
KKVL 1424

## ARKILIIKENTEEN KOOSTUMUS

HA + PA 81 %

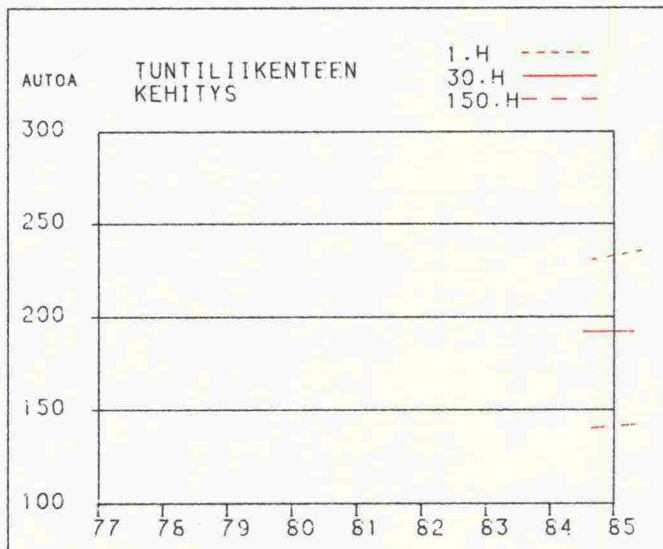
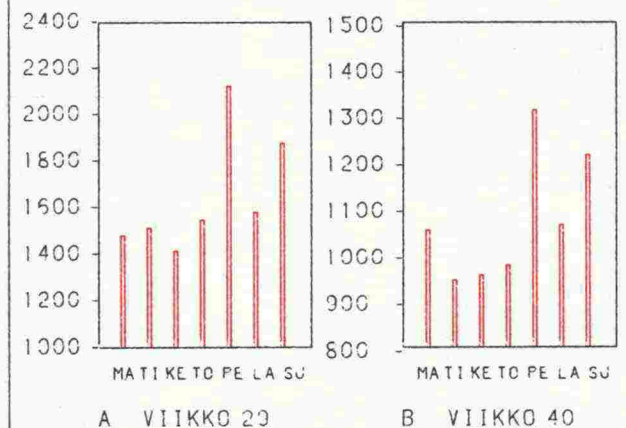
LA + KAIP 5 %

KAPP + KATP 14 %



H	Q	PE-SU (*)	KERTYMA
1	239	100	0.1
50	176	92	2.6
100	159	95	4.8
150	143	95	6.8
300	121	88	11.9
1000	84	68	30.1
5000	31	43	88.9

(\*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUU PE-SU:ALLE

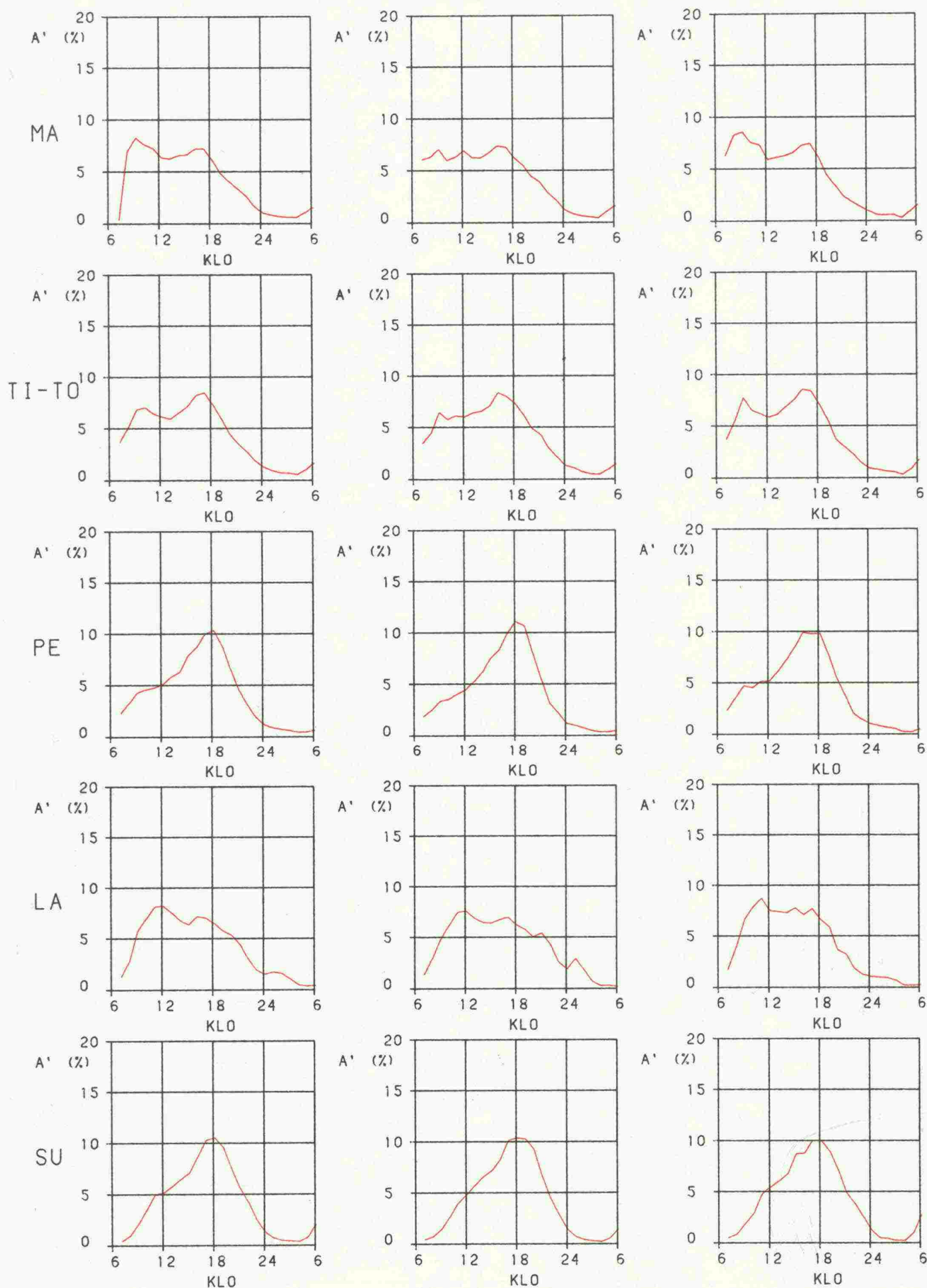


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU





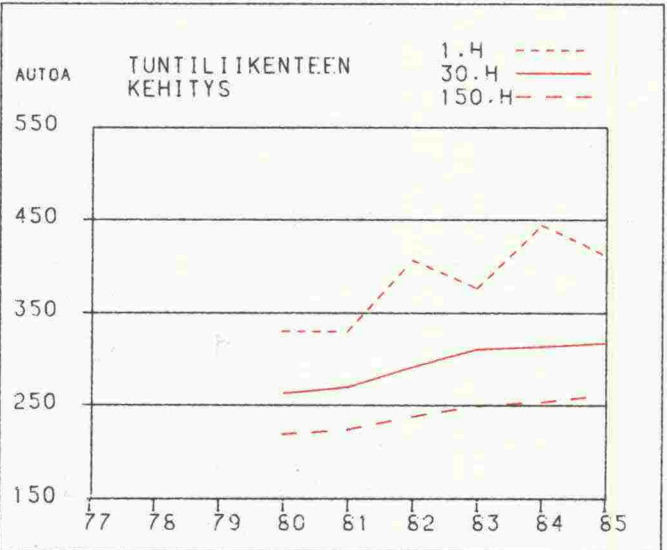
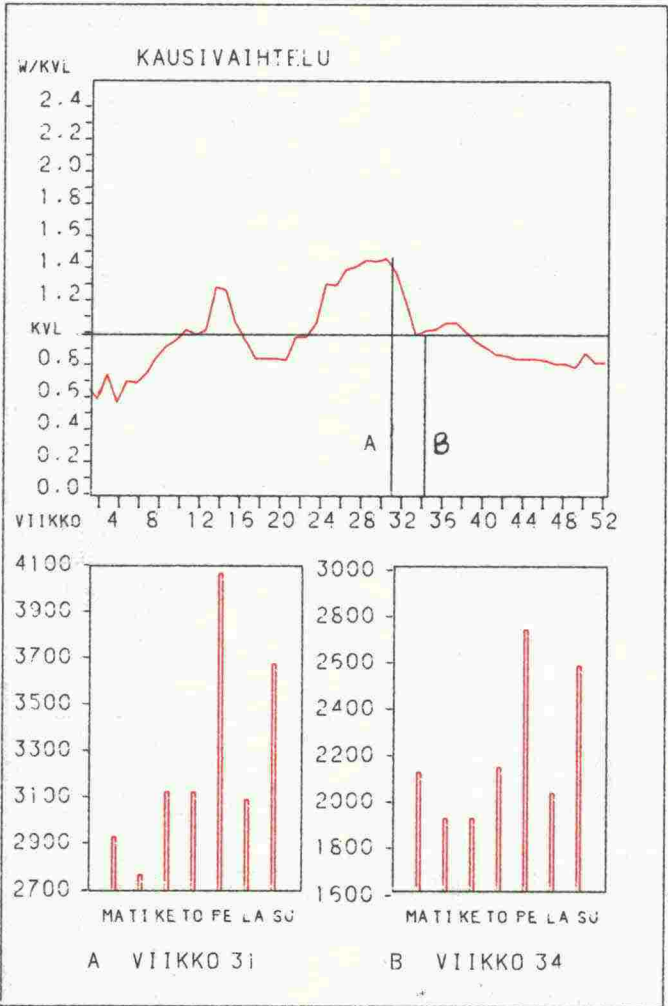
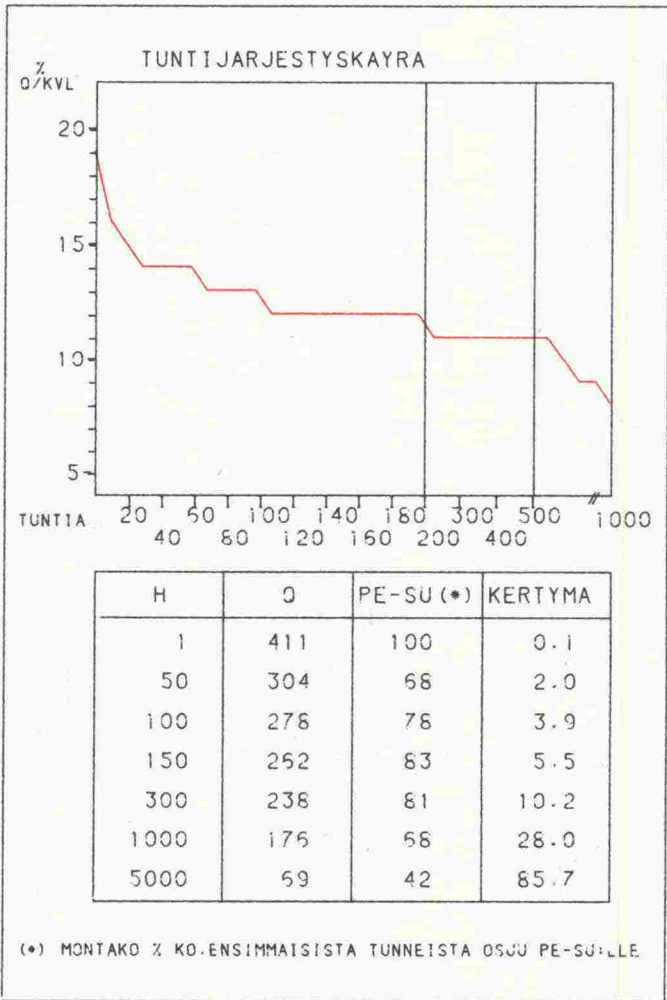
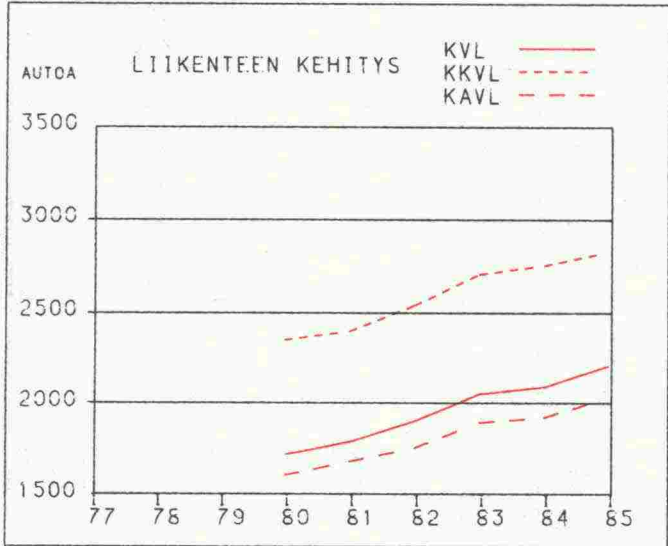
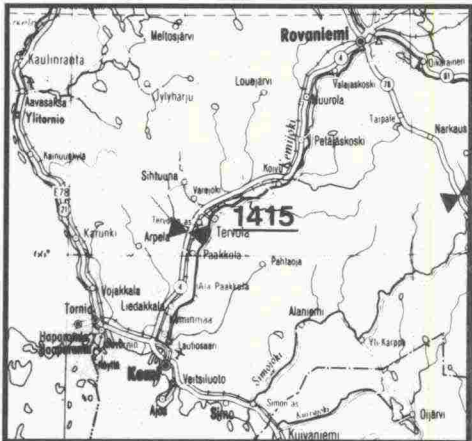
# 1415HASTINKANGAS 1985

VT4 TIEOSA 435 ETAISYYS 0.7 KM

KVL 2196 B' (SU/KESA) 1.12  
 KAVL 2026  
 KKVL 2818 D' 1.28

## ARKILIIKENTEEN KOOSTUMUS

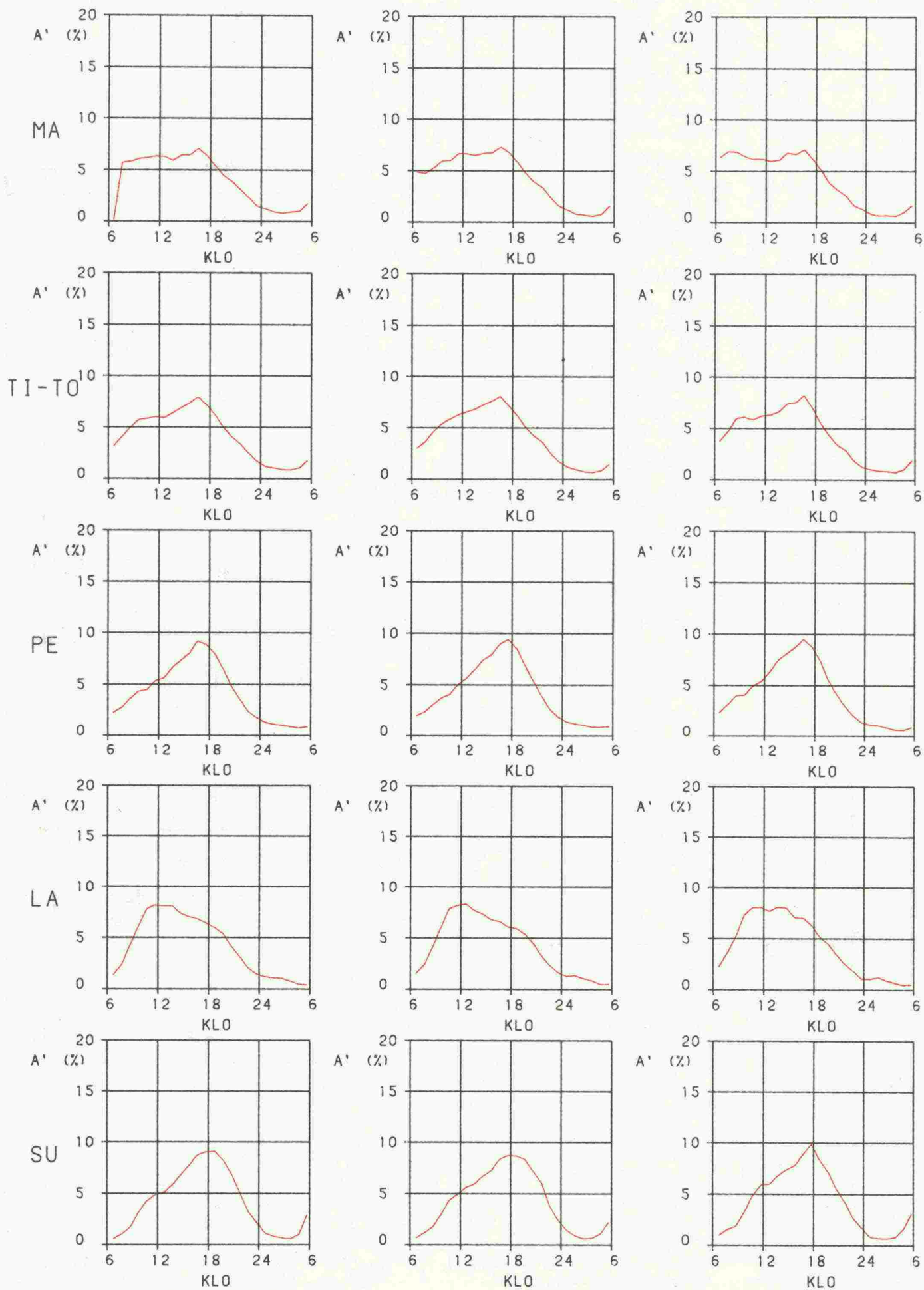
HA + PA 81 %  
 LA + KAIP 5 %  
 KAPP + KATP 14 %



HELMIKUU

HEINAKUU

LOKAKUU





KVL 1108

B' (SU/KESA) 1.01

KAVL 1042

KKVL 1408

D' 1.26

ARKILIIKENTEEN KOOSTUMUS

HA + PA

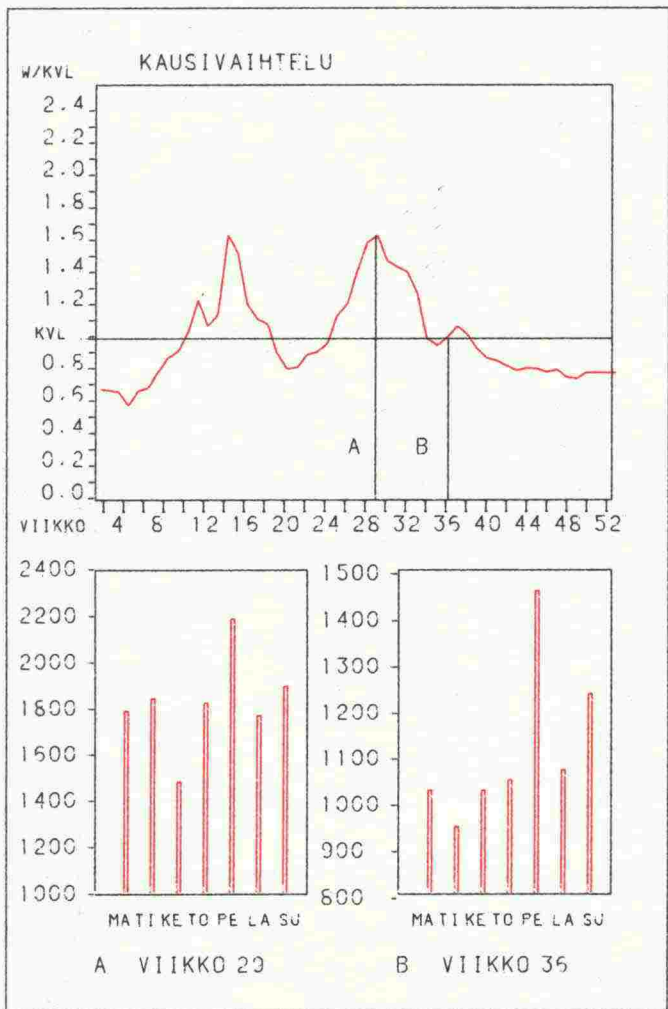
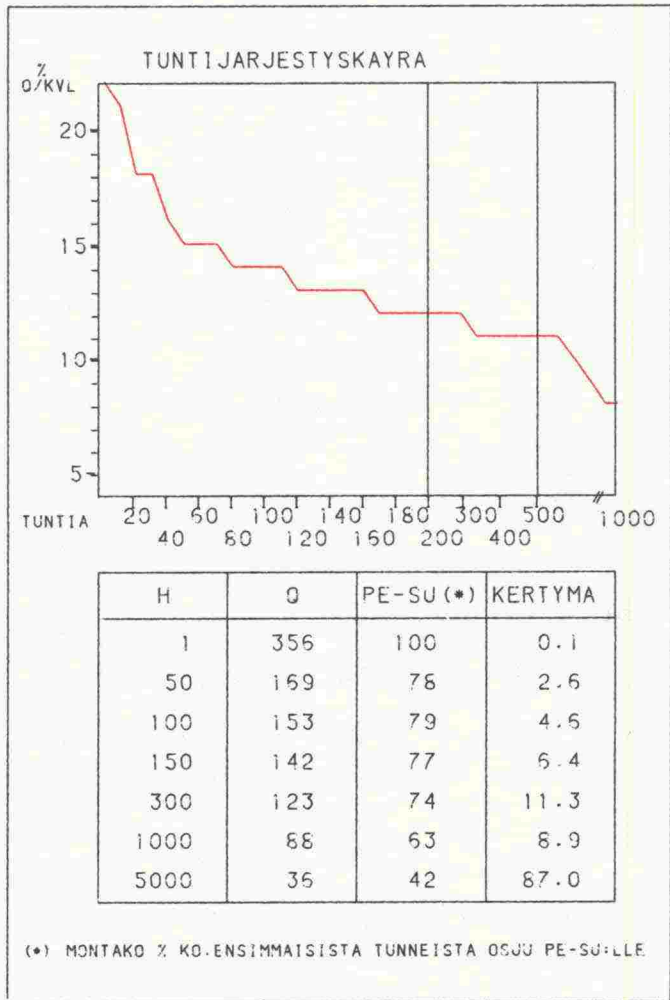
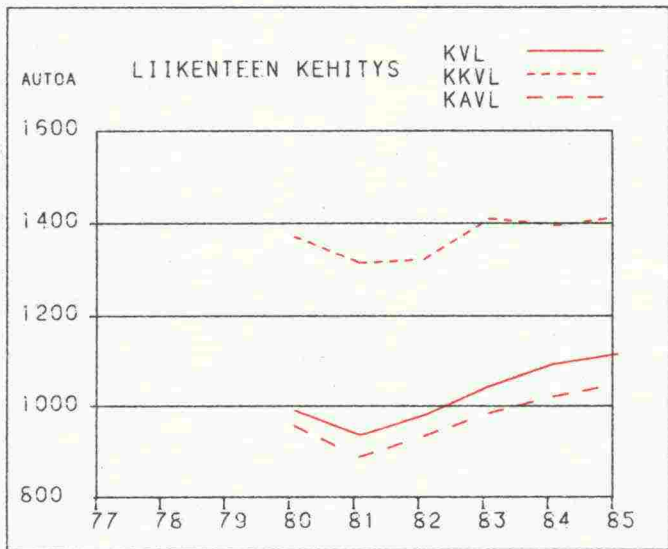
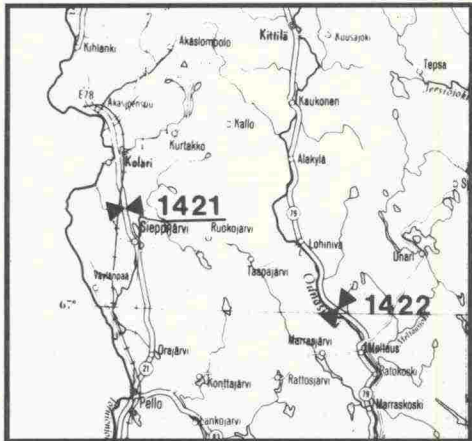
88 %

LA + KAIP

7 %

KAPP + KATP

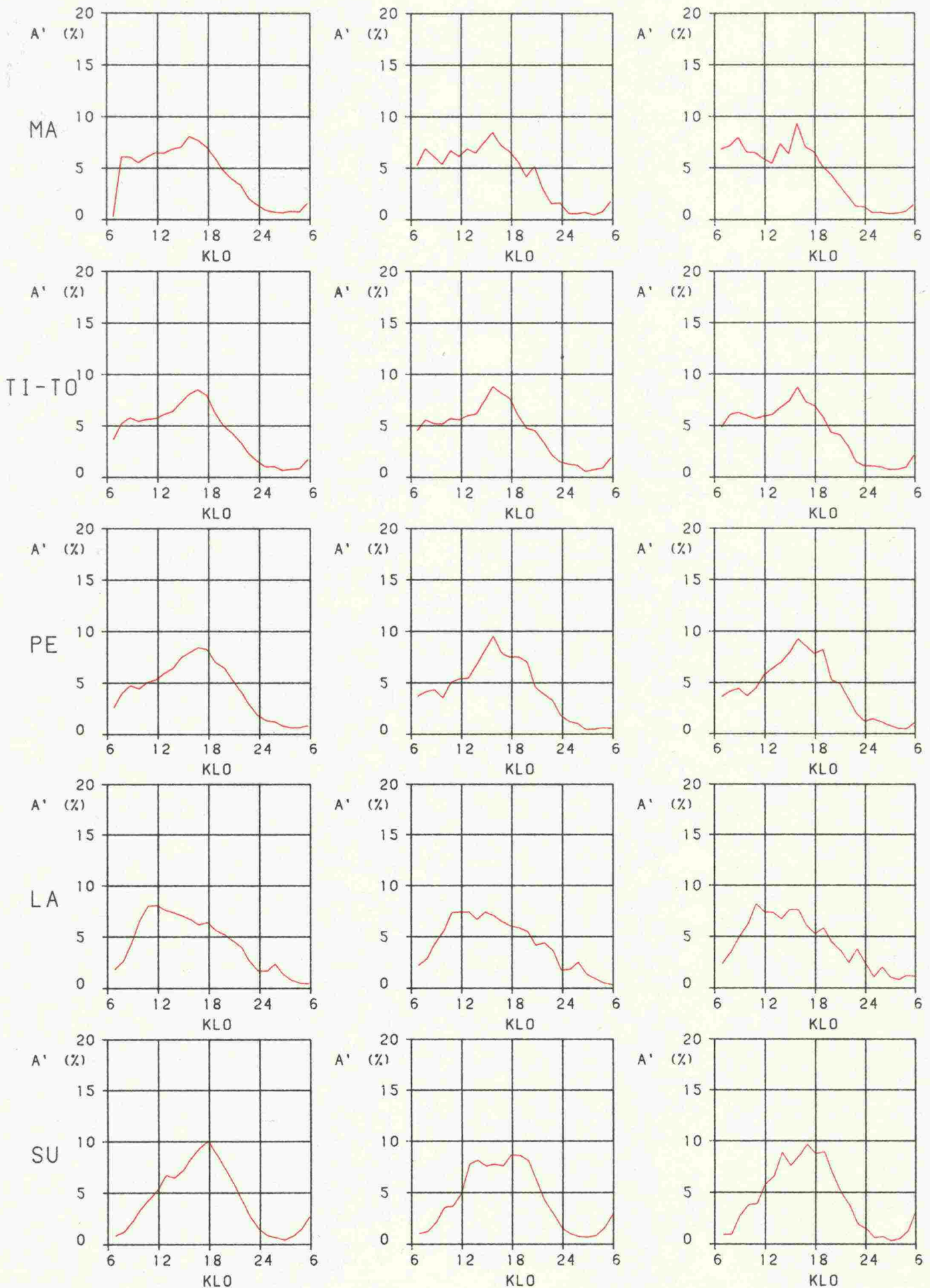
5 %



HELMIKUU

HEINAKUU

LOKAKUU





1422 JÄÄSKÖ

1985

KT79

TIEOSA 14

ETAISYYS 7.0KM

KVL 538

B' (SU/KESA) 1.07

KAVL 489

KKVL 706

D' 1.31

# ARKILIIKENTEEN KOOSTUMUS

HA + PA

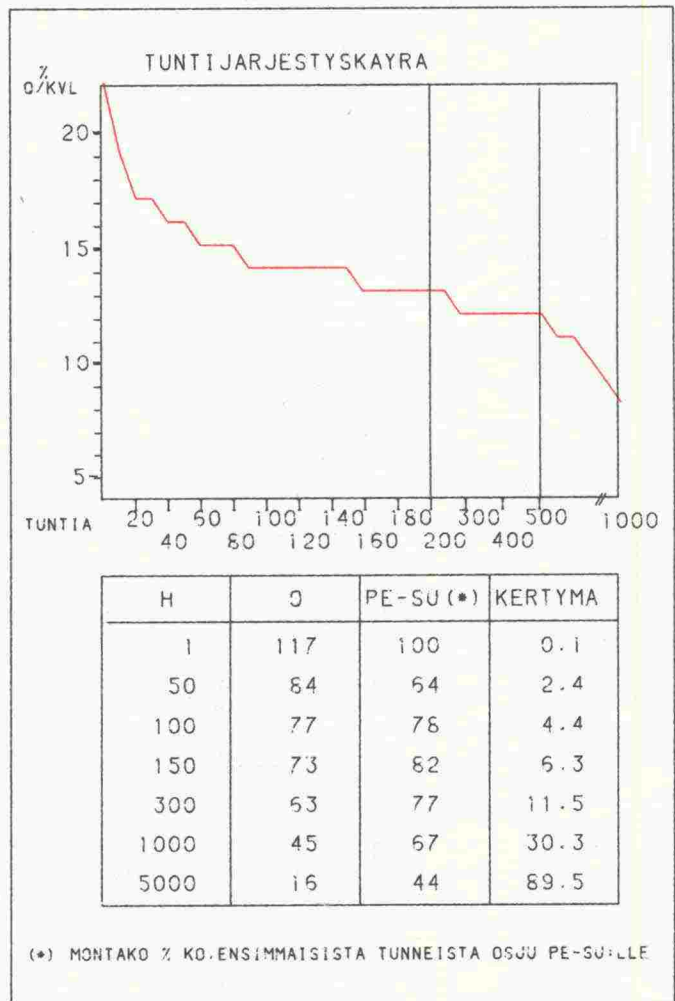
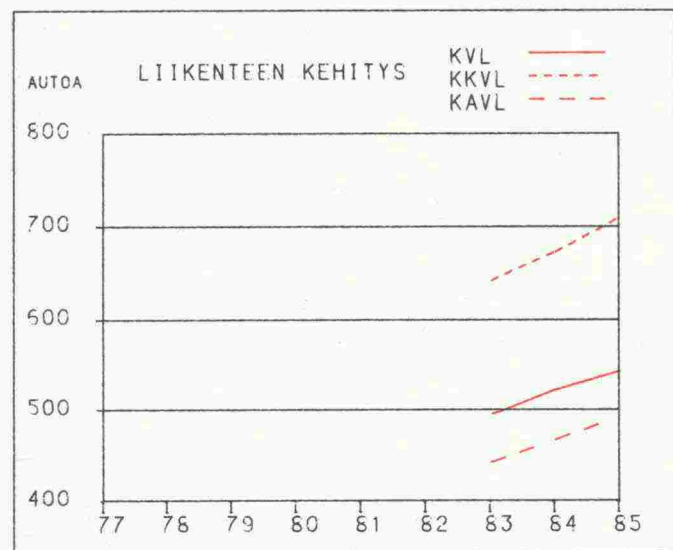
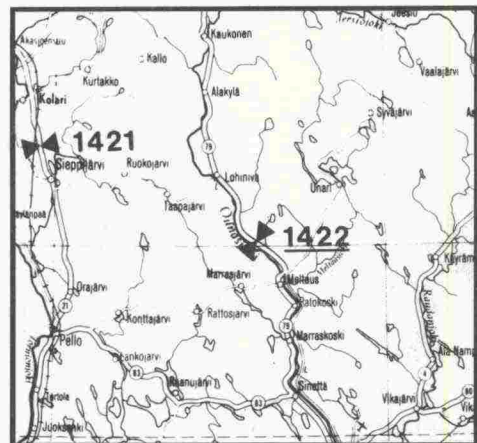
85 %

LA + KAIP

10 %

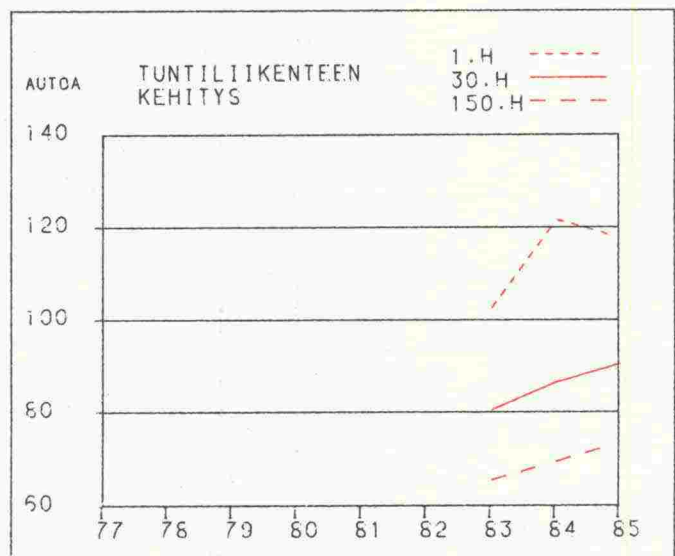
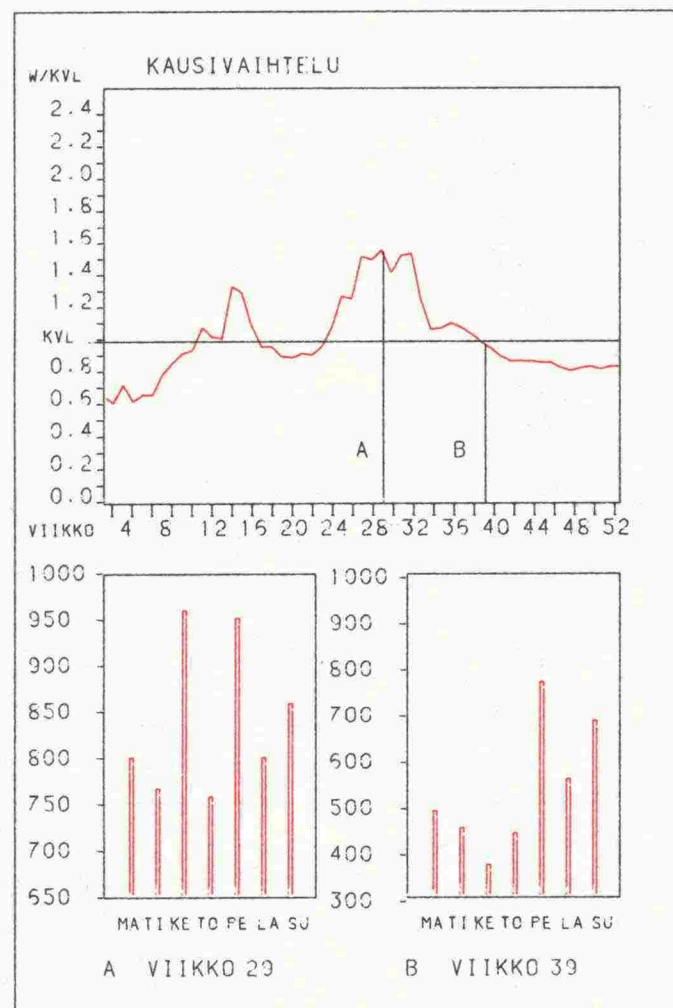
KAPP + KATP

5 %



H	O	PE-SU (*)	KERTYMA
1	117	100	0.1
50	84	64	2.4
100	77	78	4.4
150	73	82	6.3
300	63	77	11.5
1000	45	67	30.3
5000	16	44	89.5

(\*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSJUU PE-SU:ILLE

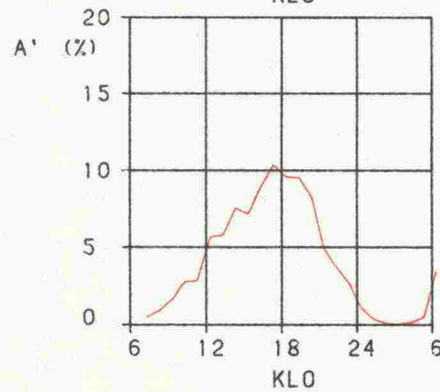
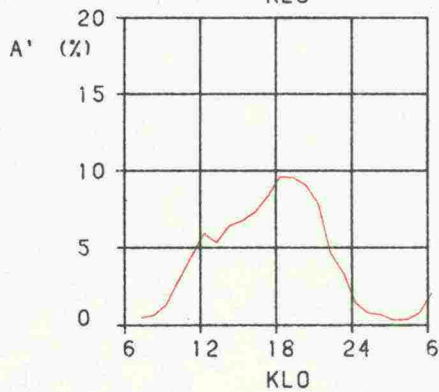
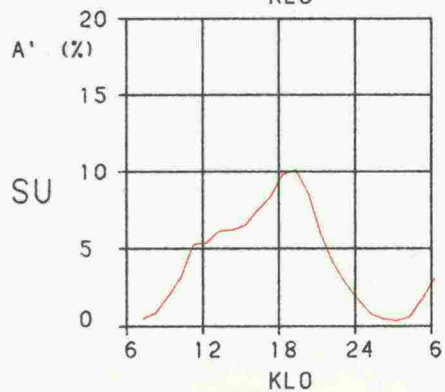
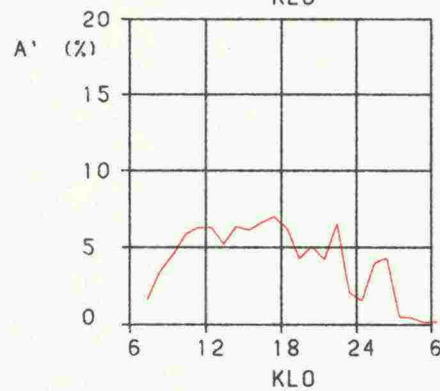
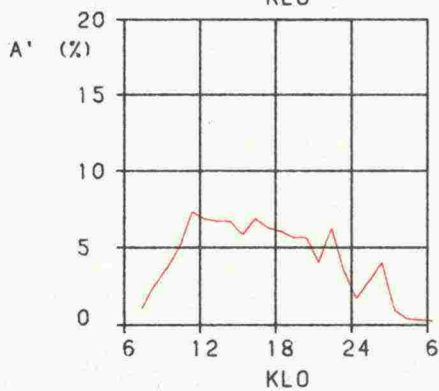
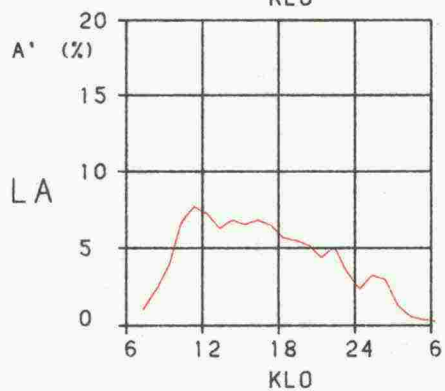
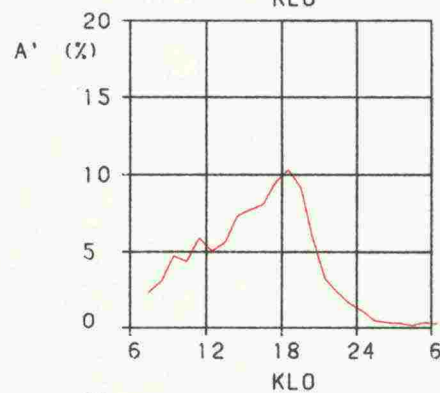
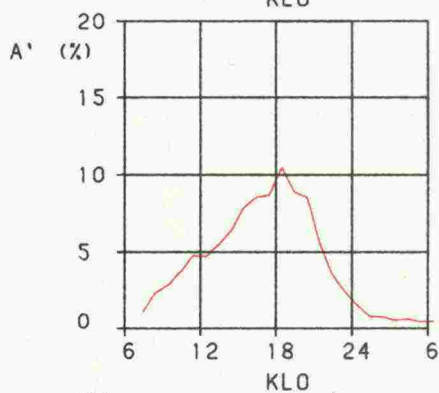
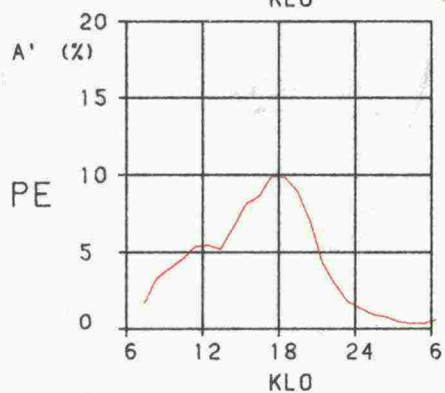
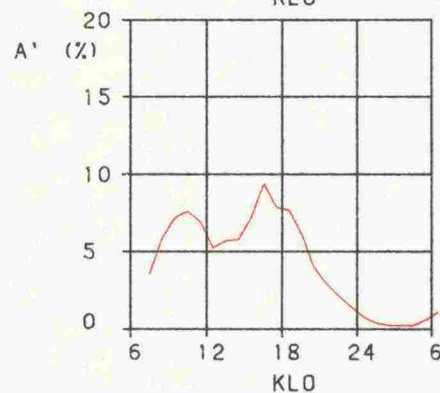
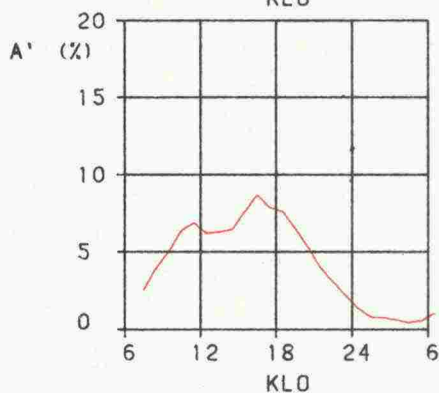
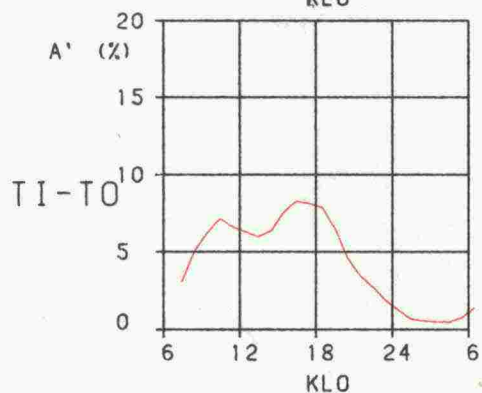
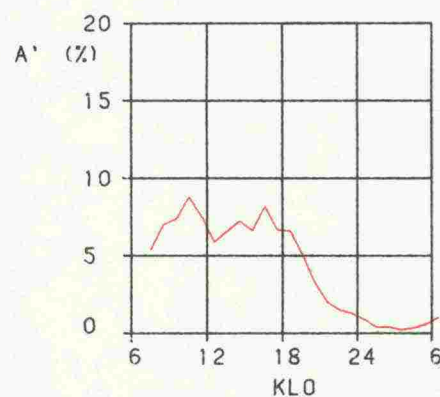
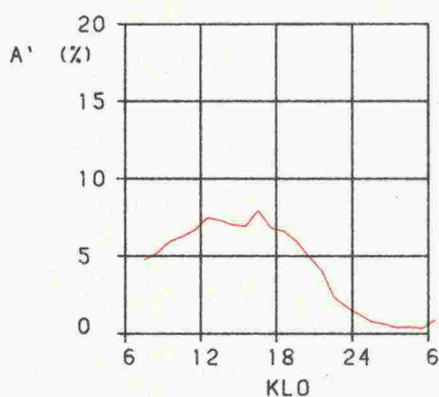
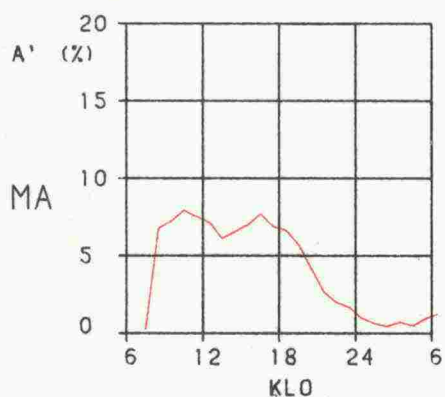


## TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU





# SUOMEN MAANTIEVERKKKO

1:1 000 000

# FINLANDS LANDSVÄGSNÄT

## TVL:N KIINTEÄT KONE - LASKENTAPISTEET 1985

### ►► KONELASKENTAPISTE

